



Naval Air Warfare Center

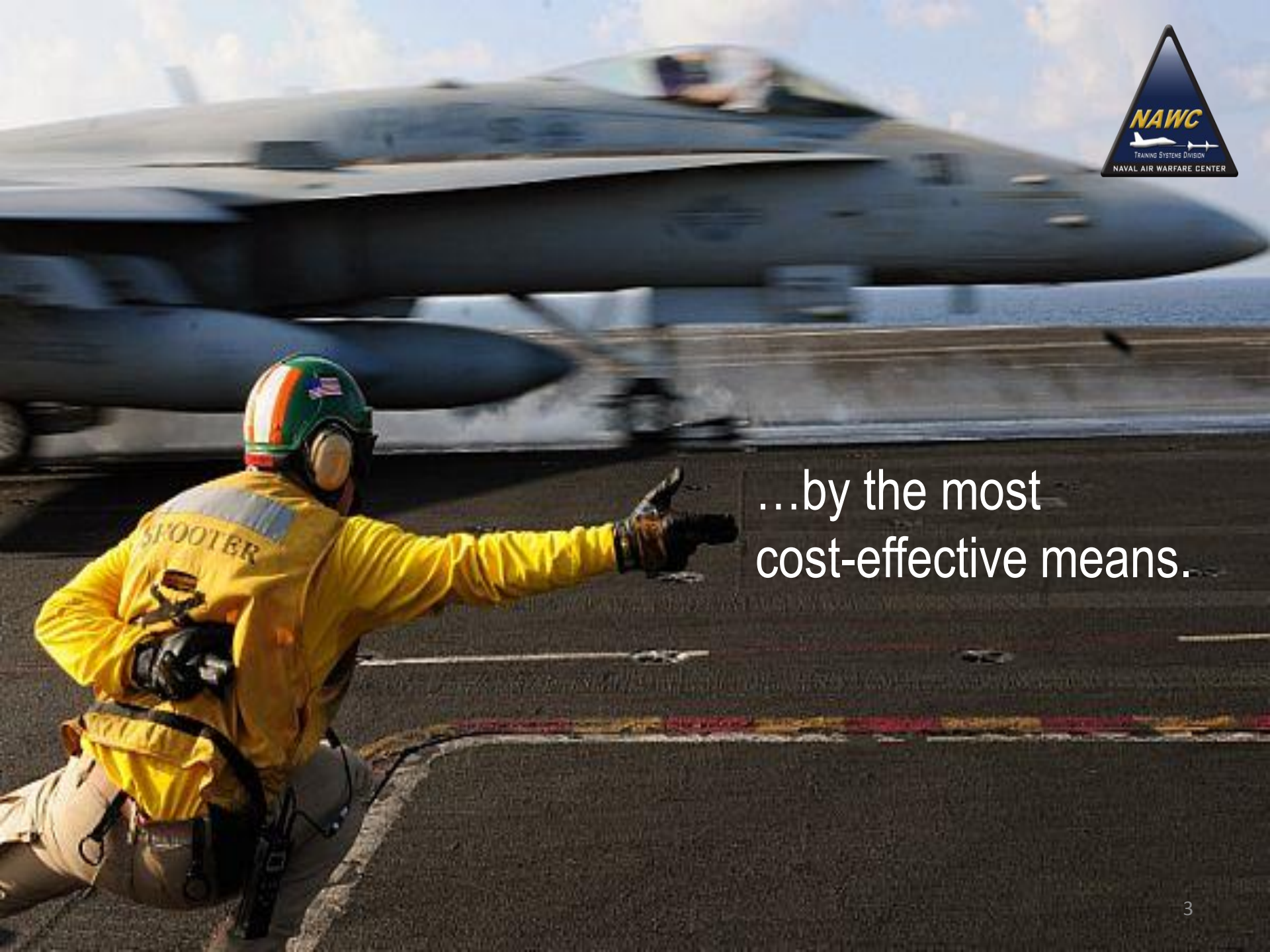
Training Systems Division

CAPT Wes Naylor
Commanding Officer



Our Mission:

Help Warfighters
develop the skills
they need to fight
and win...



...by the most
cost-effective means.

Workforce: 1,200+
Business Base: \$1.2 Billion

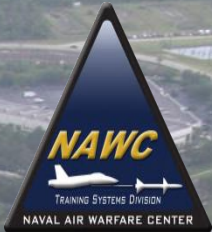




UCF

Collaborating Organizations

JDIF



ARL-STTC

NAWCTSD
PEO STRI
PMTRASYS

NAWCTSD

Joint
ADL Co-Lab

NAWCTSD
PEO STRI

PEO STRI

PEO STRI
FLETC Liaison

NSA Orlando

AFAMS

PEO STRI

- NSA Orlando Secured
- Boundary DoD
- NSA Orlando Property Un-Secured
- State / UCF Unsecured Boundary
- Commercial Lease Unsecured Boundary

From Concept, To Delivery, And Beyond

- Research
- Development
- Test and Evaluation
- Acquisition
- Product Support



Focus Areas



- Cyber Security
- Live, Virtual, Constructive (LVC)
- Intelligent Tutoring
- Navy N1 Effort
- MRTS
- E-Sailor



Questions?

NAWCTSD



Rob Matthews
Deputy Technical Director

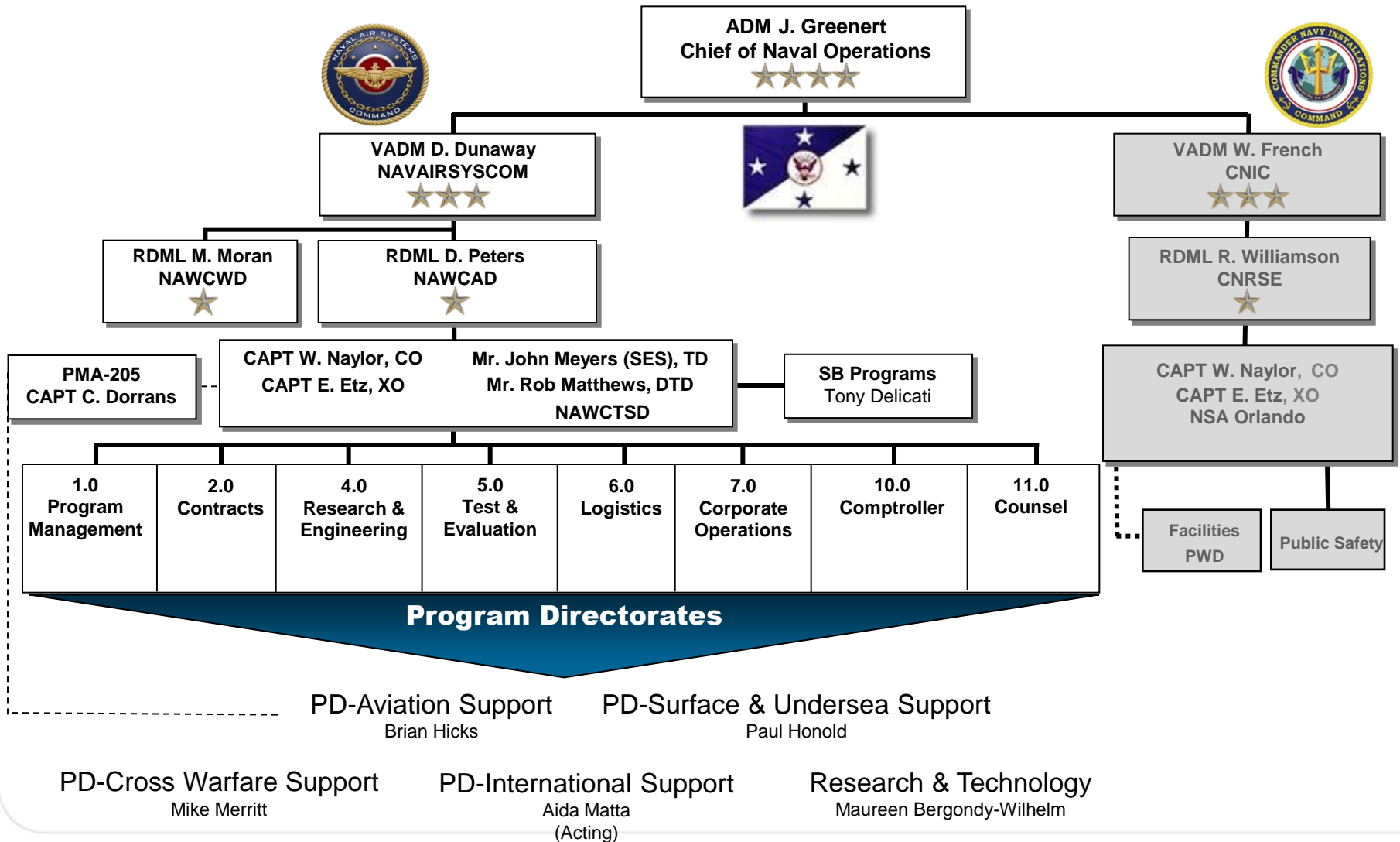


What We are Going to Tell You

- Opportunities Overview
- Small Business
- Why Stay Engaged



Organization





PMA-205 FY16 Program Overview



Date: **17 Jun 2015**

Presented to:

Training Systems Industry Symposium

Presented by:

Captain C. M. Dorrans, USN

Program Manager, Naval Aviation Training Systems (PMA-205)



PMA-205 Organization



CO, NAWC TSD
CAPT Wes Naylor

NAWC TSD FTSS
Mike Merritt

NAWC TSD PDA
Brian Hicks
PMA205T

Program Manager
CAPT Craig Dorrans
PMA205

Principal Deputy PM
John Hayter
PMA205A

Admin Lead
Kathryn King
(PMA205S)

LEGEND

= HQ EOB/MIL
 = NWC
 = CSS

Tier 0/Level 0

Tier 1/Level 1

Tier 2/Level 2

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NAWCAD 4.1.1.4

PSM
Tim Olnick
NAWCAD 6.6.4.3

BFM
Mark Anderson
AIR-7.8.1.5

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Alan Arblaster (MU)
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NAWC TSD 4.2

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H-60
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P-3
CDR Scott Small
PMA205IP2

Ranges
Pete Schroeder
PMA205IP3

E-2C
Ryan Graham
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Rodney Keen
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F/A-18 Canada/Malaysia
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F/A-18 Australia
Pete Schroeder
PMA205IP7

F/A-18 Finland
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PMA205IP8

C-130
Mike Hurley
PMA205IP9

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Safety and Survivability
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AZCM Jeff Mathews
PMA205GT3

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P-8
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PMA205MU1

P-3 / EP-3E
CDR Scott Small
PMA205MU2

H-60
LCDR Ray Miller
PMA205MU3

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PMA205MU4

Common ASW
AWCM Tom Gilliam
PMA205MU5

Fire Scout
LCDR Elizabeth Hernandez
PMA205MU6

UCLASS
Doug Steward
PMA205MU7

MQ-4C Triton
LCDR Justin Fisher
PMA205MU8

E-6
Bill Laray
PMA205MU9

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(PMA205ST)

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F/A-18 / EA-18G
Tim McDonald
PMA205ST1

E-2 / C-2
Dan Carrigg
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CNATRA GBTs
Joe Bell
PMA205ST3

F-35
LCDR Champagn (Nov)
PMA205ST4

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(PMA205IR)

Deputy
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PMA205IRA

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Ranges
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LT John Casilio
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Live Virtual Constructive
John Vance
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PMA205MC11

USMC
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PMA205MCA

H-1
Mark Eagles
PMA205MC1

V-22
VACANT
PMA205MC2

VH-3/60
Rob Peterson
PMA205MC3

C-130
John Fuller
PMA205MC4

CH-53/MH-53
Mark Elliott
PMA205MC5

EA-6B
MGySgt Eric Hammerquist
PMA205MC6

STUAS/Shadow
Don Sheehan
PMA205MC7

AV-8
Brian Trago
PMA205MC8

VH-92
VACANT
PMA205MC9



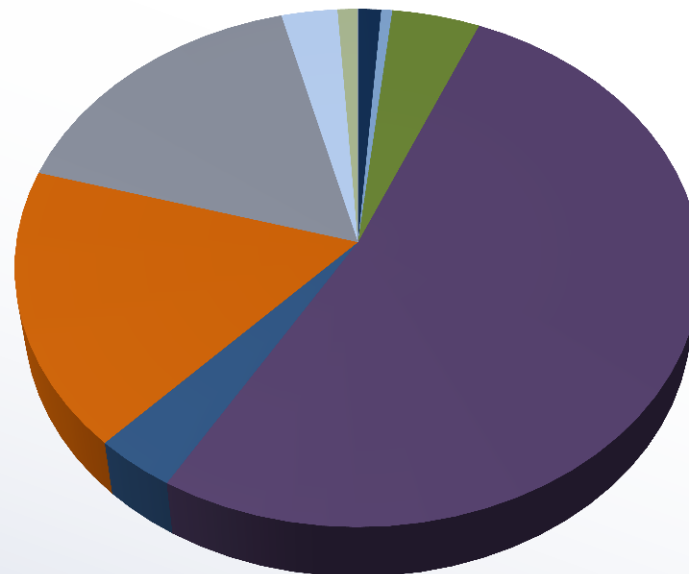
FY2015 Program Summary



- **Mission:** PMA-205 provides training solutions to enable war fighting readiness. We are responsible for the full lifecycle support of all Naval Aviation training systems and training ranges used by Sailors and Marines.
- **FY2015 Scope**
 - 2 ACAT IV Programs
 - 31 AAP Programs
 - 11 Prospective AAP Programs
 - 17 Non-Acquisition Programs
 - 5 Prospective Non-Acquisition Programs



FY2015	Budget Authority
APN Common Ground Equip	\$156,522,000
OPN Weapons Rng Sup Equipment	\$46,410,000
OMN Training Equip Ops (12AMK)	\$40,409,000
RDTE Tactical Combat Trng System	\$10,349,000
OMN Range Support (12AUX)	\$8,900,000
APN Tactical Combat Trng System	\$5,630,000
RDTE Training Range & Instr Dev	\$2,729,000
OMN Facilities and Landing Aids	\$2,723,000
RDTE Air Warfare Trng Development	\$1,262,000
Total	\$274,934,000





Budget Projections



- Shrinking defense budgets coupled with large future programs will stress aviation training investments over next 5-10 years
- We must think differently if we are going to continue to provide quality training to warfighters
 - Leverage virtual technology
 - Pursue smaller, more diverse and economical solutions for upgrades and modifications
 - Develop a common standards for training systems (TRACE)
 - Open Architecture
 - Common HW interface
 - SW/HW reuse
 - Align future requirements with technology enhancements
- Several “New Start” programs in PMA-205 for 2016
 - Could see impact of extended CRA



FYDP 2000's



FYDP 2010



FYDP 2025

Shrinking Budget

Innovative Thinking





Strategic Vision



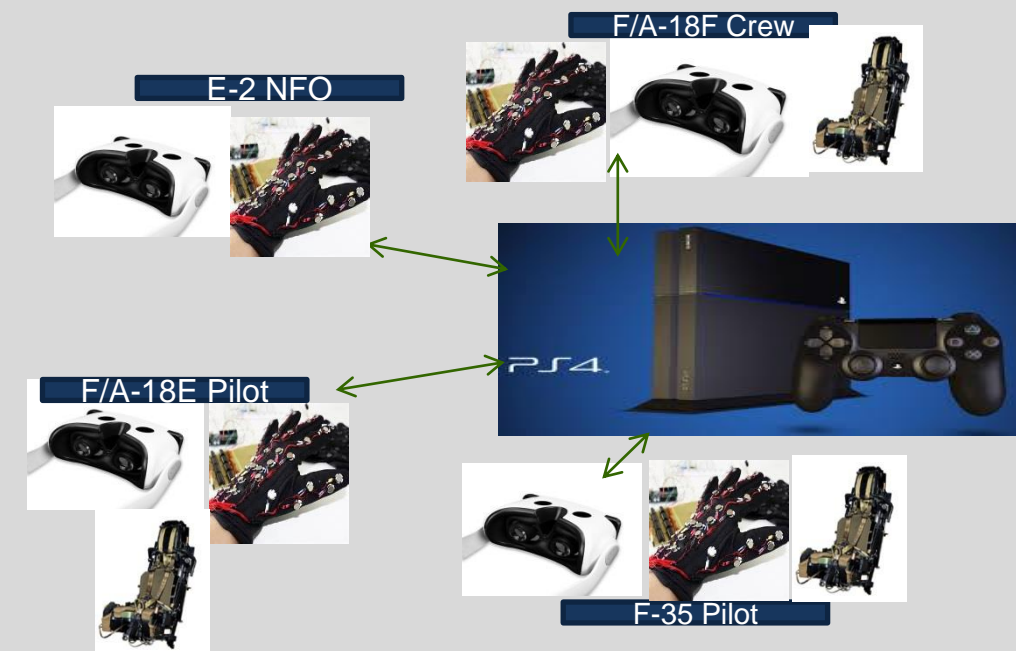
Current Ready Room Training



- **Stovepiped**
- **Does not enhance proficiency**
- **Quality is Instructor dependent**
- **Not immersive**
- **BORING**

Shuhei Yoshida, president of Sony's Worldwide Studios, claimed that we are about to witness the birth of a "new medium." Yoshida was there to reveal further details about Morpheus, the Japanese company's forthcoming virtual-reality headset for PlayStation 4, which is due for release in the first half of 2016

Future Ready Room Training



- **Reconfigurable, change T/M/S on the fly**
- **Interconnected or stand alone**
- **Very low cost**
- **Proficiency enhancing**
- **Immersive**
- **FUN!**



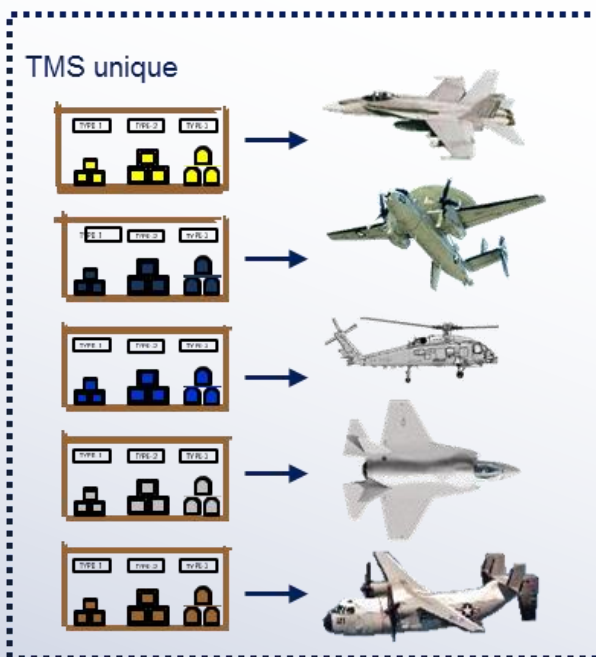
Training System Common Environment (TRACE)



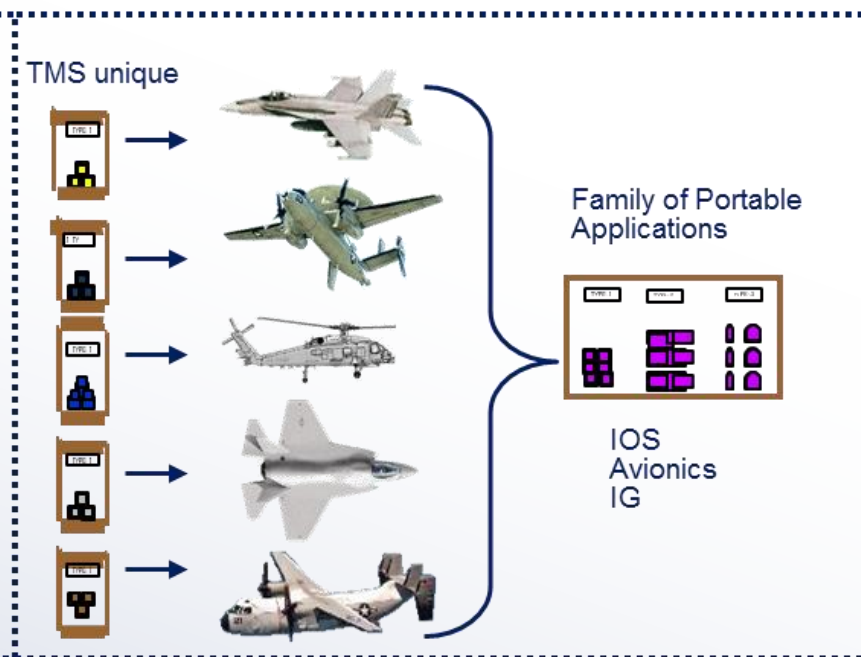
The combination of a reference architecture standard and open business model that permits components to be added, modified, replaced, removed and/or supported by different vendors throughout the life cycle in order to drive opportunities for

- Maximizing software re-use
- Less customization/greater plug-n-play
- More efficient sustainment
- Enhanced competition & innovation

Present State



Future State





Live • Virtual • Constructive

Training Roadmap



The Need:

Large, complex training scenarios

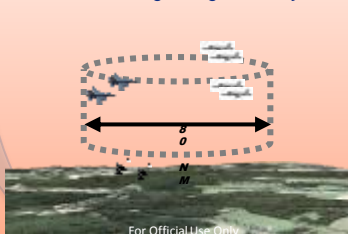
Live Training: Unconstrained



However:

Airspace and range limitations inhibit Live training

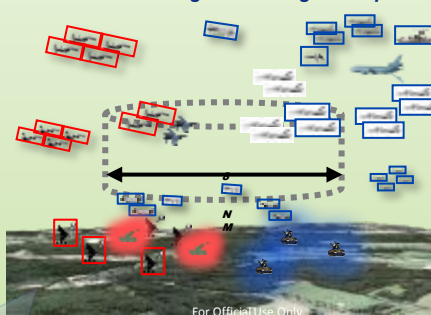
Live Training: Ranges Reality



Solution:

LVC enables highly complex training generating pilot proficiency at a fraction of the cost

Live Training: LVC Filling the Gaps



Training LVC Components

Naval Aviation Distributed Training Center (NADTC):

- Hub for LVC training
- Connects all pillars
- Scenario generation
- Brief/debrief/replay
- Performance assessment



Virtual: Naval Aviation Simulator Master Plan, delivering high fidelity connected simulators



Live: Tactical combat training system, connecting live flight to virtual and constructive entities



Constructive: Next generation threat simulator, high fidelity EW/EA threat presentation

LVC Roadmap

Today: Stand alone training devices



Near Term: Virtual integrated training environment



Future: Distributed Live, Virtual and Constructive training

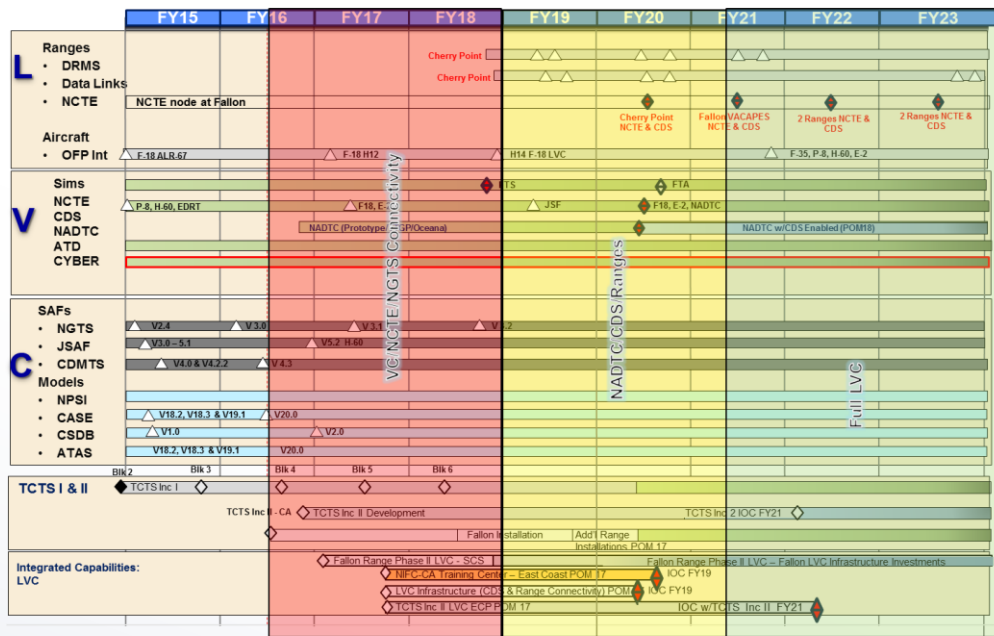




Fleet Integrated Training System



PMA-205 LVC ROAD MAP



NASMP transition to FITE 2025

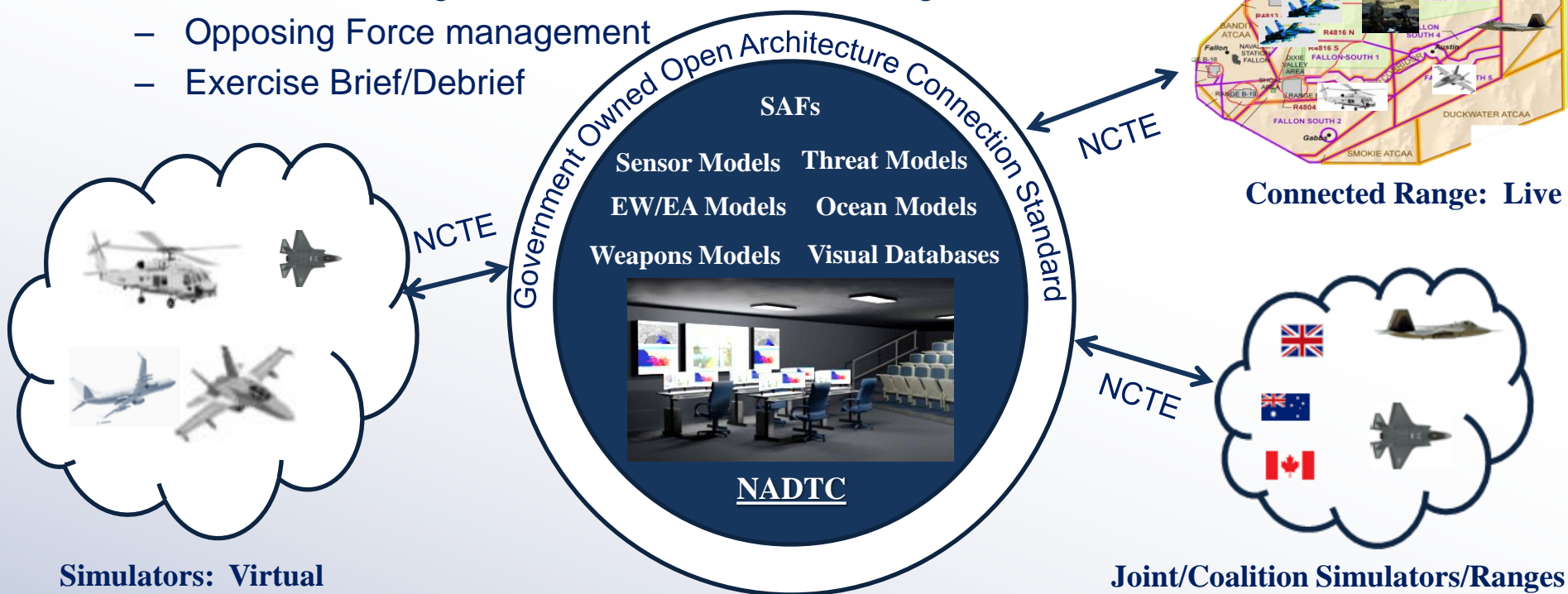
- Training systems provided are tactically relevant, networked, scalable, and deliver a full spectrum aircrew combat training environment
- Improved fidelity allows for maximize use of virtual and constructive simulation for training across T/M/S
- Training systems mirror current combat aircraft configuration including common environmental, threat, weapons models and simulation
- Maintains a common budget line that addresses all aircrew training devices technical refresh, obsolescence management and technology upgrades
- Introduce virtual gaming technology to replace/modify large, expensive devices without degrading proficiency



Naval Aviation Distributed Training Center (NADTC)



- Naval Aviation Distributed Training Center (NADTC) is a central hub for aviation centric distributed training events (FST-A)
- NADTC Functions:
 - Coordinate Distributed Integrated Training
 - Technical support to establish connectivity at required security classification
 - Exercise planning to include scenario generation / implementation
 - Real time management / coordination of training activities
 - Opposing Force management
 - Exercise Brief/Debrief





Summary



- Continue to execute numerous programs in PMA-205
- Budget increasing in FY16 but anticipate smaller budget in future
- Looking for innovative solutions with large return on investment savings
 - Continued focus on NASMP & LVC
 - Developing NADTC
 - Looking to Virtual Reality and TRACE as future capabilities



NAWCTSD



Brian Hicks

Director, Aviation Programs

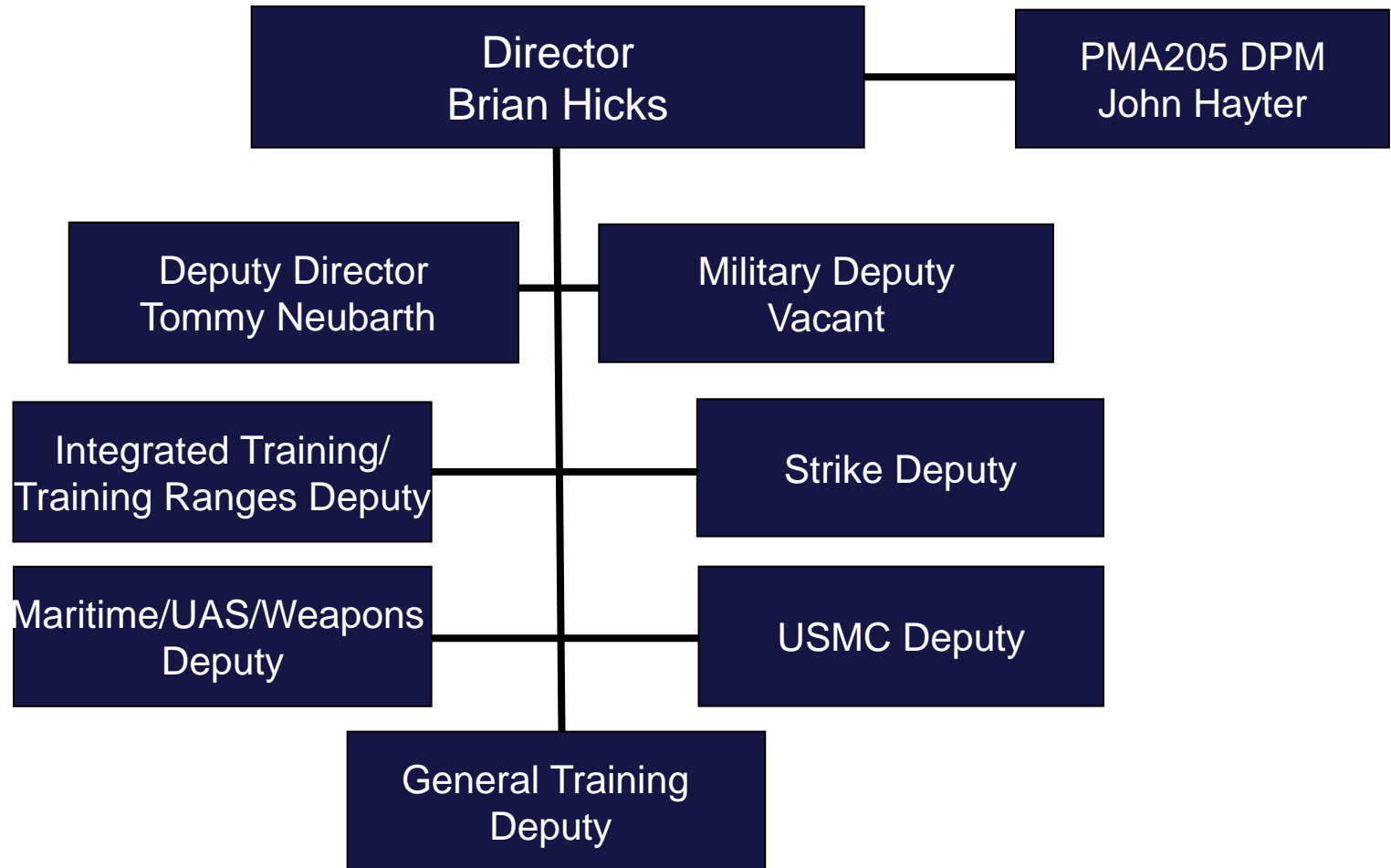


Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.



Aviation Programs Organization





Strike Department







CNATRA T- 45 Operational Flight Trainer

N61340-15-P1-PMA-205-0027

Description/Summary of Program Requirements

- Provide technology/obsolescence upgrades to six (6) T-45 Operational Flight Trainers (OFTs) located in Naval Air Station (NAS) Meridian, MS

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III competitive Lot II	<ul style="list-style-type: none">• 38 Months	APR 2015  RFP Released	NOV 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• \$31M	<ul style="list-style-type: none">• Last modification by Boeing	





F/A-18 & EA-18G NIF PROGRAM

N61340-15-P2-PMA-205-0043/44

Description/Summary of Program Requirements

- Naval Aviation Simulator Master Plan (NASMP) Immersion Fidelity (NIF) Program will provide Motion and Aural Cueing upgrades to improve simulator realism to meet NASMP End State Analysis requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Sole Source – Boeing Corporation BOA	<ul style="list-style-type: none">• 36-48 Months	<div><div>MAY 2015</div><div></div><div>RFP Released</div></div> <div><div>SEP 2015</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: CAPT Craig Dorrans</p> <p>Organization: PMA-205</p> <p>Phone: (301) 757-6944</p> <p>Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none">• \$11.6M	<ul style="list-style-type: none">• Last modification by L-3





C-2A OFT Service Life Extension Program (SLEP)

N61340-14-P1-PMA-205-0073

Description/Summary of Program Requirements

- Provide technology / obsolescence upgrades to the 2F168-1 and 2F168-2 Operational Flight Trainers located in Naval Station (NS) Norfolk, VA and Naval Air Station (NAS) North Island, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III competitive Lot II	<ul style="list-style-type: none">• 24 - 36 Months	AUG 2015  RFP Release	FEB 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• \$6M	<ul style="list-style-type: none">• Last Upgrade by ASI	





E-2D Hawkeye Integrated Training System (HITS-III)

N61340-15-P1-131300G-0088

Description/Summary of Program Requirements

- Procure two Tactics Trainers, one Maintenance Trainer, and one Flight Trainer
- Provide aircraft concurrency updates and capability improvements to ten (10) E-2D aircrew and maintenance training systems at Naval Station (NS) Norfolk, VA and Naval Base Ventura County (NBVC) Pt Mugu, CA

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TBD	<ul style="list-style-type: none">• 5 years	<div>MAR 20162nd Qtr FY17</div> <div></div> <div>RFP ReleaseContract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 <ul style="list-style-type: none">• Email: brian.hicks@navy.mil	<ul style="list-style-type: none">• Estimated \$185M	<ul style="list-style-type: none">• E-2D HITS-A, HITS-M and HITS-II• Rockwell Collins STS



Marine Corps Department







Marine Common Aircrew Trainer (MCAT)

N61340-16-P1-PMA-205-0030

Description/Summary of Program Requirements

- The Marine Common Aircrew Trainer Procurement Program plans to procure a common trainer solution capable to meet “take-off-to-land” Gunnery, External, and Crew Resource Management training requirements for UH-1Y, MV-22, CH-53 Enlisted Aircrew (EAC) communities.
- Current planning includes procurement of eight (8) MCATs and deliver MCATs to: Marine Corps Air Station (MCAS) New River, NC ; MCAS Camp Pendleton, CA ; MCAS Kaneohe Bay, HI ; MCAS Futenma, JA ; MCAS Miramar, CA ; Joint Reserve Base (JRB) McGuire-Ft-Dix-Lakehurst (MDL) , NJ; and NAS Norfolk.
- Release of updated draft Documents - SOW, SPEC, CDRLs, draft sections B, L & M 5 MAR 2015

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • TSC III competitive LOT I 	<ul style="list-style-type: none"> • Base Year: Procure MCAT1, 2, 3. • Deliver MCAT 1 to MCAS New River NLT 27 Months after Contract Award • Deliver MCAT2 to MCAS Camp Pendleton NLT 30 Months after Contract award • Options: MCAT 4-6 to be awarded within 27 Mo of Base Year Contract Award • MCAT 7, 8 – not yet funded (Reserve Funded) 	<div>OCT 2015</div>  <div>RFP Release</div> <div>JUN 2016</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: CAPT Craig Dorrans</p> <p>Organization: PMA-205</p> <p>Phone: (301) 757-6944</p> <p>Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none"> • Estimated \$65M 	<ul style="list-style-type: none"> • N/A





AV-8B Deployable Mission Rehearsal Trainer (DMRT)

N61340-13-P1-PMA-205-0113

Description/Summary of Program Requirements

- Procure a minimum of six (6) and up to eight (8) shipboard capable DMRTs supporting initial and refresher training
- DMRTs will be designed for shipboard operation and also be utilized at Marine Aviation Training System Site (MATSS) locations at Marine Corps Air Station (MCAS) Yuma, AZ, and MCAS Cherry Point, NC
- DMRTs will network to each other at each site only
- DMRTs will not network with other Marine Corps Aviation Training Systems or Aviation Distributed Virtual Training Environment (ADVTE)
- Draft RFP documents released October 2014. Sponsor updated requirements on 30 April 2015

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III competitive LOT II	<ul style="list-style-type: none">• Base period	OCT 2015  RFP Release	APR 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• Estimated \$10M	<ul style="list-style-type: none">• N/A	





AH-1Z Flight Training Device Procurement

N61340-16-P1-PMA-276-0002

Description/Summary of Program Requirements

- Planned Procurement of two AH-1Z Flight Training Devices (FTDs):
 - Device 2F227-2 delivered to Marine Corps Air Station (MCAS) New River, NC (Q4FY18)
 - Device 2F227-3 delivered to McGuire, Dix Lakehurst (Q3FY19)
 - Announcement to industry: 04/2015
 - Request for Proposal release scheduled for 10/02/2015

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive (LOT is TBD) 	<ul style="list-style-type: none"> • Base period plus any planned options 	DEC 2015  RFP Release	4th Qtr FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> • Estimated \$37M 	<ul style="list-style-type: none"> • N/A 	





KC-130T OFT Upgrade and Trainer Relocation

N61340-15-P1-131300G-0091

Description/Summary of Program Requirements

- Implement Obsolescence Upgrade of the KC-130T Operational Flight Trainer OFT, Device 2F152
- Relocation from Joint Reserve Base(JRB) McGuire, Ft Dix, Lakehurst (MDL), New Jersey to JRB Fort Worth, TX
- Industry Day – OCT 2015

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III Competitive (LOT TBD)	<ul style="list-style-type: none">• Base Period Estimated to be 24 – 30 months	JAN 2016  RFP Release	JUL 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: brian.hicks@navy.mil	<ul style="list-style-type: none">• Estimated \$10M	<ul style="list-style-type: none">• Visual Upgrade conducted by J.F. Taylor, Inc. in 2001	



AV-8B Weapons System Trainer (WST) Tech Refresh



N61340-14-P1-PMA-205-0115

Description/Summary of Program Requirements

- Planned AV-8B Weapons Systems Trainer (WST) Technology Refresh includes Technology Upgrades and Operational Flight Program (OFP) Upgrade to the following training devices:

- WSTs 2F150F - 3, and 5, located at Marine Corps Air Station (MCAS) Yuma*
- WSTs 2F150F - 1, 2, and 4, located at MCAS Cherry Point, NC

* Decision to Upgrade Yuma Devices dependent on Yuma squadron sundown plan

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">TSC III competitive (LOT is TBD)	<ul style="list-style-type: none">Base period plus any planned options	MAY 2016  RFP Release	DEC 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">Estimated \$15M	<ul style="list-style-type: none">Last upgrade completed by Indra Systems, Inc.Current OFP upgrade Contract-Cymstar underway (Est Completion Date: Aug 2016)	





CH-53E FTD & APT Baseline Configuration Upgrade (BCU)

N61340-16-P1-PMA-205-0030

Description/Summary of Program Requirements

- Implement Technology Refresh to one (1) CH-53E Flight Training Device (FTD) and one (1) CH-53E Aircrew Procedures Trainer (APT) to reduce obsolescence issues and incorporate aircraft Engineering Change Proposals (ECPs)
- Delivery Locations: CH-53E FTD: Marine Corps Air Station (MCAS) Kaneohe Bay, HI; CH-53E APT: MCAS Futenma, Okinawa
- Initial RFI to Industry – TBD
- Industry Day – TBD

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III competitive (LOT is TBD)	<ul style="list-style-type: none">• Base period FY17-19<ul style="list-style-type: none">• MCAS Kaneohe Bay FTD• MCAS Futenma APT	<div><div>OCT 2016</div><div></div><div>RFP Release</div></div> <div><div>MAR 2017</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• TBD	<ul style="list-style-type: none">• N/A



General Training Department







Dynamic Ejection Seat Trainer

N61340-15-P1-PMA-205-0011

Description/Summary of Program Requirements

- Device 9E6 is used to train aviation personnel in proper pre-ejection aeromedical procedures, and to familiarize them with the sensations experienced during an actual ejection in order to promote confidence in emergency survival equipment. The device simulates all aeromedical aspects of the ejection process from the pre-ejection procedures through the powered ejection from the cockpit. The device is suited for use with a variety of ejection seat types.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TSC III Lot II	• 12 months	JUN 2015  RFP Release	DEC 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$2.8M		



Multi-Station Disorientation Device

N61340-15-P1-131300G-0083

Description/Summary of Program Requirements

- The Multi-Station Disorientation Device (MSDD), device 9B6, provides spatial disorientation awareness training for aircrew using Commercial Off The Shelf (COTS) software. The current MSDD is located in Naval Air Station (NAS) Pensacola, FL.
- Technology/Obsolescence upgrades to the current version of the software is being driven by expiration of support for the Microsoft XP operating system. Mitigation includes purchase of upgraded software and hardware, including a currently supported operating system.

ACQUISITION STRATEGY

- TBD

PERIOD OF PERFORMANCE

- 6 Months

MILESTONES

DEC 2015

4th Qtr FY16



RFP
Release



Contract
Award

POINT OF CONTACT

Name: CAPT Craig Dorrans
Organization: PMA-205
Phone: (301) 757-6944
Email: Craig.Dorrans@navy.mil

FUNDING

- Estimated \$100K

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)



- American Airlines



Shore Based Radar Air Traffic Control Training Systems (SATS) - N61340-15-P1-PMA-205-0048

Description/Summary of Program Requirements

- Device 15G31 Tech Refresh and installation/integration of Standard Terminal Automation Replacement System (STARS) training system and Visual Information Display System (VIDS) training system to (3) SATS Labs to reduce obsolescence issues and integrate Standard Terminal Automations Replacement Systems (STARS) software revisions 14 through 24. NAWCTSD currently conducting Front End Analysis (FEA) of the (3) SATS labs, Estimated Completion Date (ECD) is May 2015
- Delivery Location: Air Traffic Control “A” School, Naval Air Technical Training Center (NATTC) Pensacola FL.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
•TSC III competitive Lot II	• 24 Months	DEC 2015  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$3.2M	• Symvionics	



Air Traffic Navigation, Integration, and Coordination System (ATNAVICS) Training Simulator - N6130-15-P1-PMA-205-0009

Description/Summary of Program Requirements

- The ATNAVICS Training Simulator program is designed to procure stand-alone portable training devices which replicate the Air Traffic Control functions of the AN/TPN-31 ATNAVICS to provide individual radar Air Traffic Control (ATC) training using voice recognition and/or psuedo-pilot capabilities along with the ability to create, edit and save training scenario's.
- Delivery Location: 29 Palms, Marine Corp Air Station (MCAS) Yuma, MCAS Camp Pendleton, MCAS Miramar, MCAS Cherry Point, MCAS New River, MCAS Beaufort, MCAS 24 (4th MAW), MCAS Futenma, MCAS Iwakuni.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
•TBD	• 12 Months	<div>MAR 2016</div> <div></div> <div>RFP Release</div> <div>4th Qtr FY16</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$4.0M	• N/A





Normo-baric Hypoxia Trainer (NHT)

N61340-15-P1-131300G-0082

Description/Summary of Program Requirements

- Normo-baric Hypoxia Trainers (NHT) consists of a permanently mounted rectangular sealed (unpressurized) chamber with aircraft flight stations for simulated Emergency Checklist Procedures (ECPs) training for hypoxia emergency scenarios. System is same as current Jet Reduced Oxygen Breathing Device and is a good evolution step forward to multi-placed aircraft such P-3s, P-8s, C-130s, C-40, C-12s, E-2Cs, CODs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• TBD	• 12 months	<div>MAR 2016</div> <div></div> <div>RFP Release</div> <div>4th Qtr FY16</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$2.4M	





Virtual Reality Parachute Descent Trainer

N61340-15-P7-131300G-0084

Description/Summary of Program Requirements

- The Virtual Reality Parachute Descent Trainer (VRPDT) provides parachute descent training for aircrew using COTS software. There are 28 VRPDT devices located across eight (8) sites on the east and west coasts as well as Naval Air Station (NAS) Pensacola, FL.
- Technology/Obsolescence upgrades to the current version of the software is being driven by expiration of support for the Microsoft XP operating system. Mitigation includes purchase of upgraded software and hardware, including a currently supported operating system.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TBD	• 12 Months	MAR 2016  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$650K	• Systems Technology Inc	



Integrated Training/Training Ranges







Tactical Combat Training Systems Increment II (TCTS Inc II)

N61340-16-P1-PMA205-0013

Description/Summary of Program Requirements

- The Tactical Combat Training System (TCTS) is designed to provide an improved environment for air combat training with objectives to provide rangeless air combat training with a secure air-to-air and air-to-ground data link. TCTS Inc II will provide encryption, an enhanced threat environment, platform interfaces and a Rack Mounted Subsystem (RS) capability with applications for F-35.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">Full and Open Competition	<div>48 Months<ul style="list-style-type: none">Engineering Manufacturing and Development (EMD)</div> <div>60 Months<ul style="list-style-type: none">2 Low Rate Initial Production (LRIP) Lots3 Full Rate Production (FRP) LotsInterim Contractor Logistics Support (CLS)</div>	<div>JUL 2015</div> <div></div> <div>RFP Release</div>	<div>JUL 2016</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<div>Name: CAPT Craig Dorrans</div> <div>Organization: PMA-205</div> <div>Phone: (301) 757-6944</div> <div>Email: Craig.Dorrans@navy.mil</div>	<ul style="list-style-type: none">Estimated \$280M	<ul style="list-style-type: none">TCTS Inc I - Cubic	



Common Acoustic Simulation Environment (CASE) Fidelity Improvement - N61340-15-P1-131300G-0090

Description/Summary of Program Requirements

- Fidelity Improvement program to the Common Acoustic Simulation Environment (CASE), which provides an underwater Anti-Submarine Warfare game-space where physics based modeling is used to represent targets, sensors, ocean environment and the propagation and reverberation of sound energy in sea water for the MH-60R, P-8A, and P-3C trainers.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">Sole Source	<ul style="list-style-type: none">30 Months<ul style="list-style-type: none">Production48 months<ul style="list-style-type: none">CLS / Integration Support	<div><div>FEB 2016</div><div></div><div>RFP Release</div></div> <div><div>MAY 2016</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">\$10 - 14M	<ul style="list-style-type: none">Advanced Acoustics Concepts (AAC)



Maritime Department







P-8A Deployed Mission Readiness Trainer

N61340-14-P1-131300G-0209

Description/Summary of Program Requirements

- Design and develop a quantity of 3 Deployed Mission Readiness Trainer (DMRT) devices for 3 Foreign Operating Bases (FOB)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• To be negotiated	<div><div>OCT 2014</div><div></div><div>RFP Released</div></div> <div><div>SEP 2015</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Brian Hicks</p> <p>Organization: NAWCTSD PDA</p> <p>Phone: (407) 380-8085</p> <p>Email: Brian.Hicks@navy.mil</p>	<ul style="list-style-type: none">• FY14 and FY16 Aircraft Procurement funding	<ul style="list-style-type: none">• Boeing





P-8A FY15 Block Modification Upgrade

N61340-15-P1-131300G-0017

Description/Summary of Program Requirements

- Block simulator upgrade (OFT, WTT, PTT, TSSC, Electronic Classrooms, and courseware) to increase fidelity, maintain hardware/software concurrency, and incorporate Engineering Changes Orders and deficiency corrections
- Software and hardware releases (FY15)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Sole source	<ul style="list-style-type: none">• To be negotiated	NOV 2014  RFP Released	NOV 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY15 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing	





MQ-8C Operator & Maintainer Courseware

N61340-16-P1-PMA266-0013

Description/Summary of Program Requirements

- MQ-8C Operator and Maintainer Courseware: Develop and deliver all operator and air vehicle maintainer end-state courseware

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">TDPC competitive (F/A II, Lot II)	<ul style="list-style-type: none">18-24 Months	JUN 2015  RFP Release	OCT 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">\$4M	<ul style="list-style-type: none">N/A	





MQ-8 Mission Control Station Courseware

N61340-15-P1-131300G-0020

Description/Summary of Program Requirements

- LCS based MQ-8 Mission Control Station (MCS) Maintenance Courseware: Develop and deliver MCS maintainer end-state courseware

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Strategy under review, pending FEA results and NAVSEA approval	<ul style="list-style-type: none">• 24 Months	SEP 2015  RFP Release	DEC 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• \$3M	<ul style="list-style-type: none">• N/A	





P-8A FY16 Aircraft Configuration Synchronization

N61340-16-P1-131300G-0003

Description/Summary of Program Requirements

- Block upgrade to the Aircrew training devices (OFT, WTT, PTT, TSSC), Electronic Classrooms, and courseware (as required) to maintain hardware and software concurrency with the P-8A aircraft and incorporate aircraft-driven Engineering Changes Orders and correction of deficiencies
- Planned one Configuration Synchronization contract effort in each fiscal year from FY14 through FY17



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• TBD, pending the number and complexity of changes being introduced by the aircraft	<div><div>OCT 2015</div><div></div><div>RFP Release</div></div> <div><div>SEP 2016</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY14-FY17 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing



MQ-8C Avionics Maintenance Trainer (AMT) & Composite Maintenance Trainer (CMT) - N61340-15-P1-131300G-0022

Description/Summary of Program Requirements

- Fabricate, test and field three (3) each MQ-8C Avionics Maintenance Trainer (AMT) and Combined Maintenance Trainers (CMTs). Trainers support maintenance training requirements for AE and AT (AMT) Fire Scout avionics technicians, and AD and AM (CMT) Fire Scout mechanical technicians.
- Procurement of second set of devices (one each) in FY17 under review by resource sponsors.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Strategy TBD, pending approval 	<ul style="list-style-type: none"> • 24 Months 	DEC 2015  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> • \$15M 	<ul style="list-style-type: none"> • N/A 	





MQ-8 Mission Control Station Trainer

N61340-15-P1-131300G-0021

Description/Summary of Program Requirements

- Littoral Combat Ship (LCS) based Ground Control Station Training Device: develop, test and field one mission control station maintenance training device for ET and IT ship-board personnel

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">Strategy under review, pending FEA results and NAVSEA approval	<ul style="list-style-type: none">24 Months	MAR 2016  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">\$4.5M	<ul style="list-style-type: none">N/A	





P-8A Device Tech Refresh

N61340-16-P1-131300G-0004

Description/Summary of Program Requirements

- Technical Refresh of the Jacksonville Aircrew devices (10 OFTs, 8 WTTs, 3 PTTs, 1 TSSC, and Electronic Classrooms)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• To be negotiated	MAR 2016  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY17 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing	





P-8A FY17 Aircraft Configuration Synchronization

N61340-17-P1-131300G-0001

Description/Summary of Program Requirements

- Block upgrade to the Aircrew training devices (OFT, WTT, PTT, TSSC), Electronic Classrooms, and courseware (as required) to maintain hardware and software concurrency with the P-8A aircraft and incorporate aircraft-driven Engineering Changes Orders and correction of deficiencies
- Planned one Configuration Synchronization contract effort in each fiscal year from FY14 through FY17

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• TBD, pending the number and complexity of changes being introduced by the aircraft	<div><div>1st Qtr FY17</div><div></div><div>RFP Release</div></div> <div><div>4th Qtr FY17</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY14-FY17 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing

NAWCTSD



Mike Merritt

Director, Cross-Warfare Programs



Cross-Warfare Mission Statement

- The Program Director for Cross-Warfare (PDX) is tasked to discover, demonstrate, transition, and transfer the best operational concepts, methods and technological solutions for transformational, Navy, Joint Service, and Coalition education and training.
- The Directorate accelerates cutting-edge capabilities to the warfighter by speeding the discovery, development, and delivery of technology for military training with an emphasis on capabilities that are innovative and transformational by:
 - **Partnering**
 - **Seeking**
 - **Leveraging**
 - **Integrating**

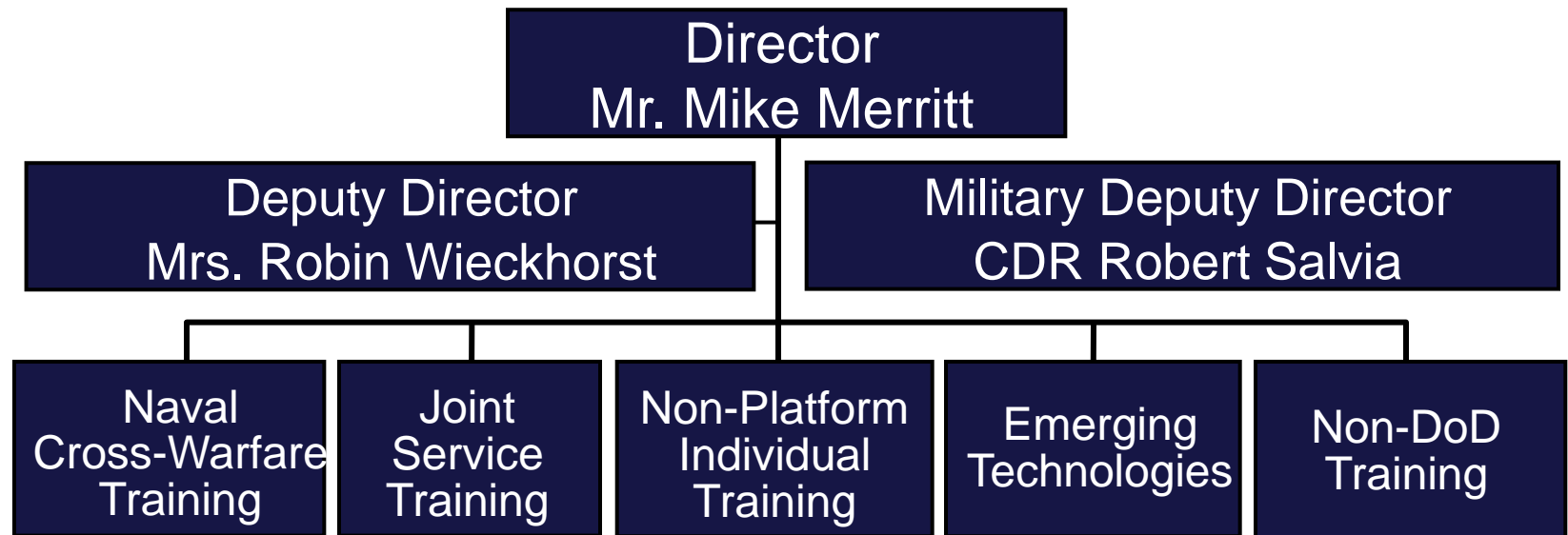


Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.



Cross-Warfare Organization







NROTC Electronic Classrooms

N61340-15-P1-136300G-0182

Description/Summary of Program Requirements

- Conduct Site Surveys, Installation and Integration (I&I), and Technical Refreshes of training equipment for the Navy Reserve Officer Training Corps (NROTC) units Mariner Skills Simulator (MSS) electronic classrooms located at various Universities throughout the United States.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• 8(a) Sole Source (SBA acceptance pending)• Indefinite Delivery/Indefinite Quantity (ID/IQ)• Firm Fixed Price (FFP) Delivery Orders	<ul style="list-style-type: none">• 5 years	<div><div>Jun 15</div><div></div><div>RFP Release</div></div> <div><div>Jul 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Mike Merritt</p> <p>Organization: NAWCTSD Cross-Warfare Programs</p> <p>Phone: 407-380-4595</p> <p>Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none">• Total funding estimated at \$5M (O&M,N)	<ul style="list-style-type: none">• N61339-10-D-0011• Incumbent is AIW, Inc.• OEM – Government Owned Software





Authoring Instructional Materials (AIM)

N61340-16-P1-136300G-0367

Description/Summary of Program Requirements

- Government-owned & managed system used by the Navy to design, develop, update, manage, and integrate training content
- Software engineering, analysis, content development, logistics, life cycle, and management support services



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Market (SBSA)• Firm Fixed Price	<ul style="list-style-type: none">• 1 year plus 4 option years	<div><div>Dec 15</div><div></div><div>RFP Release</div></div> <div><div>Jun 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Contract value of up to \$4.5M (initial procurement and options)	<ul style="list-style-type: none">• Current vehicle is 5 years• Incumbent is AIMEREON INC• OEM – Government Owned Software



Pilot and Aircrew Courseware R&M Strike Fighter/Electronic Warfare - N61340-15-P1-136300G-0138

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of F/A-18, E/A-18, EP-3, E-6 Fleet Readiness Squadron (FRS), and Weapons Schools, Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Oceana, VA., NAS Lemoore, CA., NAS Whidbey Island, WA., and Tinker Air Force Base (AFB), OK.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 3 years	<div><div>Feb 15</div><div></div><div>RFP Released</div></div> <div><div>Nov 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$15M• OM&N funded	<ul style="list-style-type: none">• Carley Corp





Pilot and Aircrew Courseware R&M Navy Helicopter

N61340-15-P1-136300G-0393

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of SH-60F, HH-60H, MH-60R/S, MQ-8B/C, Organic Airborne Mine Countermeasures Atlantic/Pacific, Helicopter Maritime Strike Weapons School Atlantic/Pacific, Helicopter Sea Combat Weapons School Atlantic/Pacific, located at, Naval Station (NS) Norfolk, VA., NS Mayport, FL., and Naval Air Station (NAS) North Island. CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 4 years	<div><div>Sep 15  RFP Release</div><div>Apr 16  Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$10M• OM&N funded	<ul style="list-style-type: none">• TIE Today



Pilot and Aircrew Courseware R&M USMC

N61340-16-P1-136300G-0023

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of AV-8, MH/CH-53, KC-130J, AH-1, UH-1, HH-1 and CH-46 Fleet Readiness Squadron (FRS) Pilot and Aircrew Training Programs located at Marine Corps Air Stations (MCAS) Cherry Point, NC., MCAS Yuma, AZ., MCAS New River, NC., Marine Air Group 24, Marine Corps Base Hawaii (MCBH), Kaneohe Bay, HI., Airborne Weapons Systems Training School, Naval Station (NS) Norfolk, VA., Aviation Training Unit (ATU), MCAS Cherry Point, NC./MCAS Miramar, CA and KC-130J ATU, Camp Pendleton, CA.

ACQUISITION STRATEGY

- TDPC Competitive (F/A III, Lot II)

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

Jun 16



RFP
Release

2nd Qtr FY17



Contract
Award

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD
Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

- Estimated \$15M
- OM&N funded

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- CTI





Pilot and Aircrew Courseware R&M E-2/C-2/LSO

N61340-16-P1-136300G-0021

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of E 2/C 2 Fleet Readiness Squadron (FRS), Landing Signal Officer (LSO) School, Composite Fighter Squadron Twelve (VFC 12) Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Oceana, VA., and Naval Station (NS) Norfolk, VA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 4 years	<div><div>Sep 16</div><div></div><div>RFP Release</div></div> <div><div>Mar FY17</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$5M• OM&N funded	<ul style="list-style-type: none">• SSE





Pilot and Aircrew Courseware R&M Maritime

N61340-16-P1-136300G-0022

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of P-3/P-8/MQ-4C Fleet Readiness Squadron (FRS), Weapons Tactics Unit (WTU) and Weapons School Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Jacksonville, FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 5 years	3 rd Qtr FY17  RFP Release	2 nd Qtr FY18  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$10M• OM&N funded	<ul style="list-style-type: none">• SSE	



Fielded Training Systems Support (FTSS IV) MAC

N61340-16-P1-136300G-0006

Description/Summary of Program Requirements

- Multiple Award Contract to cover recurring FTSS sustainment requirements:
 - Scope: Primarily Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS).
 - Ancillary FTSS services include but are not limited to; Training Device Relocations, Training Systems Management, minor modification support, and in-service engineering support.
 - Supports aviation and non-aviation customers
 - Draft RFP issued Dec 2014, Final RFP 4 Jun 2015, 60 day proposal prep time

ACQUISITION STRATEGY

- Follow-on to FTSS III, Competitive
- Two Lots: Lot 1 Unrestricted and Lot 2 Partial Small Business Set-Aside
- PSC: J069, Maint, Repair of Equipment (Training Aids & Devices)
- NAICS: 541330 (Military Exception, size standard of \$35.5M)

PERIOD OF PERFORMANCE

- 5-year ordering period with 3 one-year options
- Issue 60 month Task Orders

MILESTONES

Jun 15



RFP
Released

May 16



Contract
Award

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD
Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

- Estimated ceiling \$1.75 B

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- FTSS III
- Unrestricted MAC: eight contractors
- Small Business Set -Aside MAC: five contractors





F/A-18 COMS/CIS

N61340-16-P1-136300G-0408

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (AIRLANT), Commander, Naval Air Forces Pacific (AIRPAC), and Center for Naval Air Technical Training (CNATT) to support training devices and requirements for F/A-18 at NAS Oceana, VA, MCAS Beaufort, SC, MCAS Miramar, CA, NAS Lemoore, CA, and EA-18G at NAS Whidbey Island, WA.
- Contractor Instructional Services (CIS) for EA-18G at NAS Whidbey Island, WA and F/A-18 at NAS Lemoore, CA and MCAS Miramar, CA

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS IV competitive Lot I	<ul style="list-style-type: none">• 4.75 years	<div><div>Jun 15</div><div></div><div>RFP Released</div></div> <div><div>May 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$80-90M	<ul style="list-style-type: none">• L-3 Link Simulation and Training





C-9B COMS/CIS

N61340-16-P1-136300G-0007

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of the Marine Corps to support one C-9B training device in Denver, CO.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV competitive Lot II	<ul style="list-style-type: none">• 5 years	<div><div>Jun 15</div><div></div><div>RFP Released</div></div> <div><div>May 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$7.5 - \$8.5M	<ul style="list-style-type: none">• FTSS Joint Venture





USMC ATS COMS/CIS

N61340-16-P1-136300G-0001

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS), Contractor Instructional Services (CIS), and Training Systems Management (TSM) on behalf of Commander Naval Air Forces Atlantic (AIRLANT), Commander Naval Air Forces Pacific (AIRPAC), and Center for Naval Aviation Technical Training (CNATT) to support Marine Corps devices and requirements at MCAS Cherry Point, New River, MCAS Miramar, Camp Pendleton, Kaneohe Bay, Hawaii, and MCAS Yuma.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS III competitive Lot I	<ul style="list-style-type: none">• 4.5 years	<div><div>Dec 15</div><div></div><div>RFP Release</div></div> <div><div>Jun 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$90-100M	<ul style="list-style-type: none">• Cubic



Contractor Instructional Serv., Atlantic (CISLANT)

N61340-16-P1-136300G-0002

Description/Summary of Program Requirements

- Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (AIRLANT) to support training devices and requirements at Naval Station Norfolk, VA, NAS Jacksonville, FL, NS Mayport, FL, NAS Oceana, VA.
- Support may include: E-2C/D, MH-53E, H-60, F/A-18, P-3C

ACQUISITION STRATEGY

- FTSS III Competitive Lot I

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

Mar 16



RFP
Release

4th Qtr FY16



Contract
Award

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD
Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

- Estimated \$70-80M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Computer Sciences Corporation (CSC)





CNATRA COMS

N1340-16-P1-136300G-0003

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) to be performed in support of Chief of Naval Air Training (CNATRA) simulators and other training devices. These devices are on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS IV Competitive Lot I	<ul style="list-style-type: none">• 5 years	<div><div>Jun 16</div><div></div><div>RFP Release</div></div> <div><div>1st Qtr FY17</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$35M	<ul style="list-style-type: none">• Fidelity Technologies





Maritime Plus COMS

N61340-17-P1-136300G-0004

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (AIRLANT), Commander, Naval Air Forces Pacific (AIRPAC), and Center for Naval Air Technical Training (CNATT) to support P-3C, EP-3E and P-8A training devices and requirements at NAS Jacksonville, FL, NAS Whidbey Island, WA, and Marine Corps Base Hawaii, Kaneohe, Hawaii.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• FTSS IV Competitive Lot I	<ul style="list-style-type: none">• 5 years	2nd Qtr FY17  RFP Release	4th Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$80-100M	<ul style="list-style-type: none">• Boeing	





Command Aircraft Crew Training (CACT) C-20 A/D

N61340-15-P1-136300G-0218

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-20 A/D (a Navy configured Gulfstream III) aircraft pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Market (unrestricted)	<ul style="list-style-type: none">• 5 years	<div><div>Dec15</div><div></div><div>RFP Release</div></div> <div><div>Jun 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$2M	<ul style="list-style-type: none">• Flight Safety International





Command Aircraft Crew Training (CACT) C-26D

N61340-15-P1-136300G-0018

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-26D (MetroLiner SA227) aircraft pilot training. This contract supports training for the Commander Naval Air Forces Atlantic (AIRLANT) and the Commander Naval Air Forces Pacific (AIRPAC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Market Sole Source (J&A approved)	<ul style="list-style-type: none">• 5 years	<div><div>Jan 15</div><div></div><div>RFP Released</div></div> <div><div>Aug 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$3M	<ul style="list-style-type: none">• Flight Safety International





Command Aircraft Crew Training (CACT) C-40A Pilot

N61340-17-P1-136300G-0008

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-40A (a Navy configured Boeing 737-700C Increased Gross Weight (IGW) aircraft) pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Open Market (unrestricted)	<ul style="list-style-type: none">• 5 years	1 st Qtr FY17  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$4M	<ul style="list-style-type: none">• Flight Training International	





Command Aircraft Crew Training (CACT) C-40A Maintenance

N61340-16-P1-136300G-0013

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-40A (a Navy configured Boeing 737-700C Increased Gross Weight [IGW] aircraft) maintenance training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> Open Market (unrestricted) 	<ul style="list-style-type: none"> 5 years 	<div> <div>Jun 15</div> <div>  </div> <div>RFP Release</div> </div> <div> <div>Jan 16</div> <div>  </div> <div>Contract Award</div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Mike Merritt</p> <p>Organization: NAWCTSD Cross-Warfare Programs</p> <p>Phone: 407-380-4595</p> <p>Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> Estimated at \$4.9M total 	<ul style="list-style-type: none"> Delta Air Lines, Inc.





Command Aircraft Crew Training (CACT) UC-35

N61340-15-P1-136300G-0019

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's UC-35 (Cessna 500/550) aircraft pilot training. This contract supports training for the Commanders, 4th Marine Corps Air Wing (4th MAW), Marine Corps Installation East (MCIEAST), Marine Corps Air Station Miramar (MIRAMAR) and Marine Corps Air Station Futenma (FUTENMA).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Market Sole source (J&A Approved)	<ul style="list-style-type: none">• 5 years	<div><div>Jun 15</div><div></div><div>RFP Release</div></div> <div><div>Sep 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$12.2M	<ul style="list-style-type: none">• Flight Safety International



Intelligent Tutoring Authoring and Delivery System II (ITADS-II) - N61340-15-P7-136300G-0411

Description/Summary of Program Requirements

- Continue research and development of the intelligent tutor concepts as it applies to Navy Information Technology training system for inclusion as one component in the Center for Information Dominance (CID) Navy Information System Technician (IT) Accession Level Pipeline Training.
- Utilizing the applied research/framework/demonstration delivered in ITADS-I, complete the engineering/manufacturing/development and deliver a prototype Intelligent Tutor course of instruction based on the Navy Information System Technician (IT) curriculum.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Broad Agency Announcement (BAA)• Sole Source	<ul style="list-style-type: none">• 3 years (TBD)	<div><div>Jun 15</div><div></div><div>RFP Released</div></div> <div><div>Sep 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Funding TBD	Telecommunications Systems, Incorporated (TCS)





NAWCTSD ISEO CSS Contract Re-Compete

N61340-15-P7-136300G-0386

Description/Summary of Program Requirements

NAWCTSD requires Contractor Support Services (CSS) for In-Service Engineering Office Support. The CSS requirements are for temporary augmentation of the NAWCTSD work force. Includes ISD and Materials Procurement.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Competition• CPFF contract	<ul style="list-style-type: none">• 5 years	<div><div>Sep 2015</div><div></div><div>RFP Release</div></div> <div><div>Jun 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Est \$75M. (O&M, RDTE, PROC)	<ul style="list-style-type: none">• N00178-10-D-6407• Zenetex





TH-57 Aircrew Training Systems (ATS)

N61340-16-P1-136300G-0014

Description/Summary of Program Requirements

TH-57 Aircrew Training Systems (ATS) Services Contract on behalf of the Chief of Naval Air Training to deliver and support TH-57B/C training devices and to provide Contract Instructional Services for Training Wing FIVE at NAS Whiting Field, FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">TBD	<ul style="list-style-type: none">7 years total with severable one-year options	<div><div>Mar 16</div><div></div><div>RFP Release</div></div> <div><div>4th Qtr FY16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Phone:407-380-4595 Email: Mike.Merritt@navy.mil	<ul style="list-style-type: none">O&MN funded	<ul style="list-style-type: none">N/A





DLM: FRC In-Service Support Center (FRC-ISSC)

N61340-15-P1-136300G-0389

Description/Summary of Program Requirements

- Logistics and technical support services for all current and future customers and weapons systems supported by AIR 6.7 (Jacksonville, FL) in the areas of planning, analysis, development, training, support equipment management, and facilities. Potential customers and weapon systems include, but are not limited to: Customers - AIR 6.0 Competency and Business Unit, PEO(A), PEO(T), PEO(U&W), PEO(JSF), and AIR 1.0; Weapon systems currently include but are not limited to P-3, EA-6B, E-6, T-45, T-6, T-44, JSF, F-18, J52, F404, F414, TF-34, and J-85.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">Open Market (SBSA)Indefinite Delivery/Indefinite Quantity (ID/IQ)Cost Plus Fixed Price (CPFF) Task Orders	<ul style="list-style-type: none">5 years	<div><div>Jun 15</div><div>RFP Release</div></div> <div><div>3rd Qtr FY16</div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">Total funding estimated at \$49.9M<ul style="list-style-type: none">O&MAP 5, 7Working Capital Funds	<ul style="list-style-type: none">N61340-11-D-1010Incumbent is Andromeda Systems Inc.





DLM: 4.0 Engineering

N61340-15-P1-136300G-0390

Description/Summary of Program Requirements

- Engineering services in support of weapon systems supported by the AIR-4.0 Competencies at Cherry Point, North Carolina. This includes the AV-8, C-130, H-1, H-46, H-53, H-60, V-22, Foreign Military Sales (FMS) and the various engines, components and support systems associated with these and other future assigned weapon systems. Services will be required to support the full range of engineering disciplines required to maintain these weapon systems. Tasks are generated from a variety of sources for the Research & Engineering Group at Cherry Point including the Fleet, FRC East, various Program Managers Aircraft (PMA) located at Naval Air Systems Command (NAVAIR). In-service engineering support functions that will include but are not limited to the following: on-site technical assistance for aircraft, engines and support systems, and development of engineering data for various documents including all types of Technical Directives (Bulletins, Changes, etc.), Technical Manuals, Drawings, and Engineering Investigations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • Open Market (SBSA) • Indefinite Delivery/Indefinite Quantity (ID/IQ) • Cost Plus Fixed Price (CPFF) Task Orders 	<ul style="list-style-type: none"> • 5 years 	<div>Jun 15</div>  <div>RFP Release</div> <div>Jun 16</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Mike Merritt</p> <p>Organization: NAWCTSD Cross-Warfare Programs</p> <p>Phone: 407-380-4595</p> <p>Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Total funding estimated at \$49.9M <ul style="list-style-type: none"> • O&M (include Air Force) • FMS • RDT&E • AP (includes Air Force) 1, 2, 3, 4, 5, 7 • Working Capital Funds 	<ul style="list-style-type: none"> • N61340-15-D-0002 • Incumbent is LTM, Inc.





DLM: Contractor Maint. Support Services (CMSS)

N61340-15-P1-136300G-0391

Description/Summary of Program Requirements

Maintenance Support Services (MSS) for the Fleet Readiness Center Mid-Atlantic at Patuxent River (FRCMA-PAX), Maryland. FRCMA-PAX provides direct support primarily to squadrons/activities assigned to Naval Test Wing Atlantic and Naval Air Station Patuxent River (NAS PAX RIVER) and other activities (e.g., Foreign Military, other DOD branches, etc.). Under this contract, the Contractor is required to possess working and demonstrative organizational level knowledge and expertise to seamlessly dovetail/integrate qualified personnel into an existing and functioning – CNAFINST 4790.2 (series) governed - Navy test, restoration rebuild, maintenance, and repair organization (FRCMA-PAX). The Contractor is required to perform as a functional part of the FRCMA-PAX maintenance organization/team in support of the FRCMA-PAX maintenance requirements and priorities to meet the Navy's maintenance support mission. The Contractor is required to provide maintenance support expertise and subject-matter-experts to ensure uninterrupted support in specified Level II, and limited Level III aircraft maintenance and administrative support on aircraft components, engines, and Support Equipment.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• 8a Competitive• Indefinite Delivery/Indefinite Quantity (ID/IQ)• Firm Fixed Price (FFP)	<ul style="list-style-type: none">• Base w/four option years	<div><div>Sep 15</div><div></div><div>RFP Release</div></div> <div><div>4th Qtr FY16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Mike Merritt</p> <p>Organization: NAWCTSD Cross-Warfare Programs</p> <p>Phone: 407-380-4595</p> <p>Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none">• Total funding estimated at \$33M<ul style="list-style-type: none">• NWCF	<ul style="list-style-type: none">• N61340-12-C-0008• Incumbent Tyonek Worldwide Services Inc.





DLM: E2C2 (East) Radar and Avionics Systems

N61340-15-P1-136300G-0392

Description/Summary of Program Requirements

Maintenance engineering, technical support Services and life cycle support be provided in the form of Beyond Capable Maintenance Interdiction (BCMI) Engineers (also known as Sr. Technical Support Engineers) to the Fleet Readiness Center Mid-Atlantic (FRCMA) in support of the maintenance requirements of, but not limited to, the E-2C/ E-2D / C-2A Propulsion and Avionics systems.

Forward sited logistics support services be provided to FRCMA located at Norfolk, VA in the form of a contractor Supply Support Representative (SSR), Logistical support of the maintenance requirements of, but not limited to, the E2/C2 Airframe, Avionics systems, and support equipment.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open Market Sole Source• Indefinite Delivery/Indefinite Quantity (ID/IQ)• Firm Fixed Price (FFP)	<ul style="list-style-type: none">• Base w/four option years	<div>Dec 15</div>  <div>RFP Release</div> <div>4th Qtr FY17</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Total funding estimated at \$3M<ul style="list-style-type: none">• OM&N	<ul style="list-style-type: none">• N61340-13-C-0009• Incumbent Northrop Grumman Technical Services Inc.





DLM: E2C2 (West) Radar and Avionics Systems

N61340-15-P1-136300G-0394

Description/Summary of Program Requirements

Maintenance engineering, technical support Services and life cycle support be provided in the form of Beyond Capable Maintenance Interdiction (BCMI) Engineers (also known as Sr. Technical Support Engineers) to Naval Base Ventura County (NBVC) located at Point Mugu, CA in support of the maintenance requirements of, but not limited to, the E-2C/ E-2D / C-2A Propulsion and Avionics systems.

Forward sited logistics support services be provided to FRCSW at North island, CA in the form of a contractor Supply Support Representative (SSR), Logistical support of the maintenance requirements of, but not limited to, the E2/C2 Airframe, Avionics systems, and support equipment.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Small Business Set Aside Competitive• Indefinite Delivery/Indefinite Quantity (ID/IQ)• Firm Fixed Price (FFP)	<ul style="list-style-type: none">• Base w/four option years	<div><div>Dec 16</div><div>RFP Release</div></div> <div><div>4th Qtr FY17</div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Total funding estimated at \$3M<ul style="list-style-type: none">• OM&N	<ul style="list-style-type: none">• N61340-13-C-0008• Incumbent Northrop Grumman Technical Services Inc.

NAWCTSD

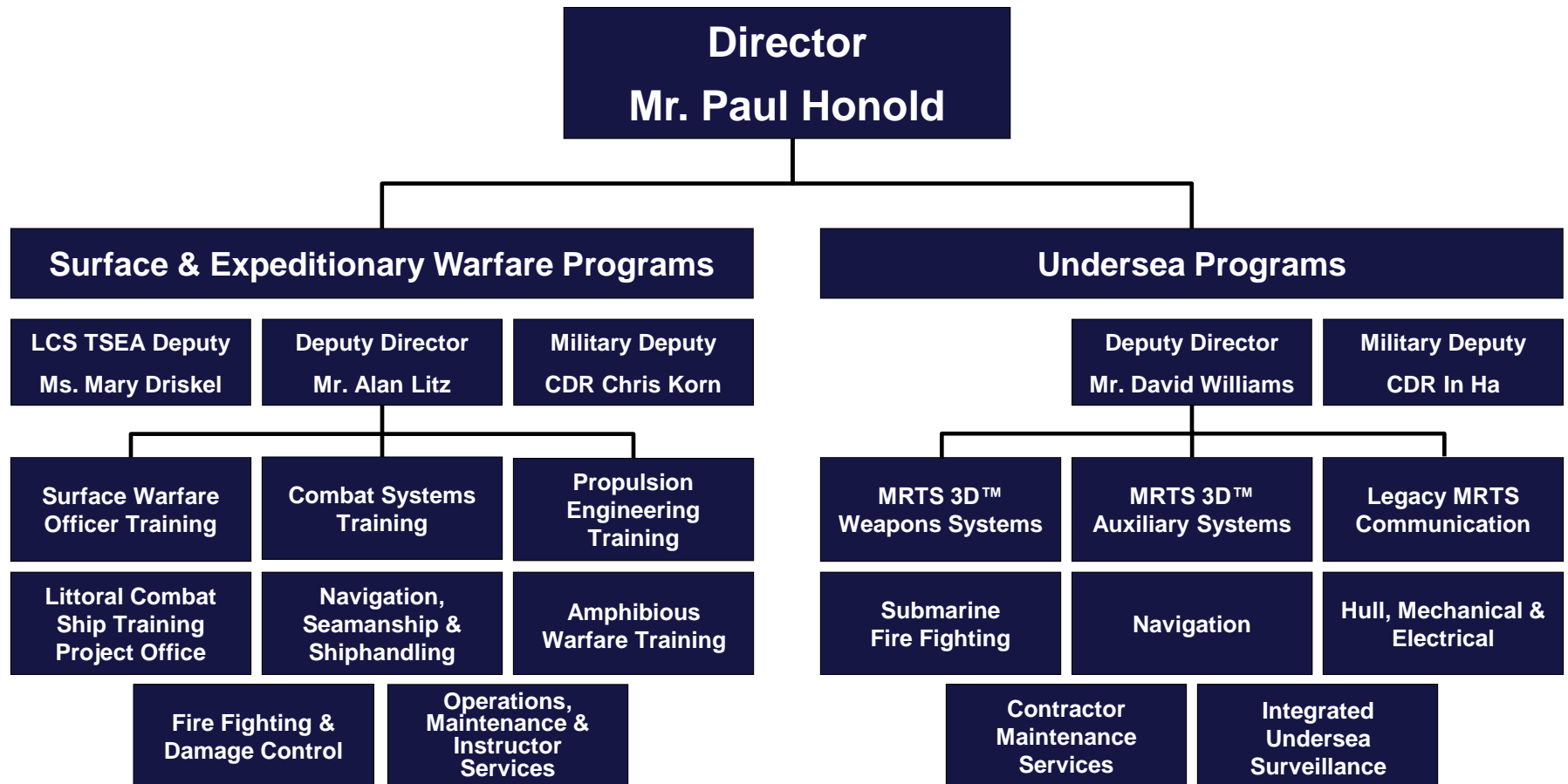


Paul Honold

Director, Surface & Undersea Programs



Program Directorate, Surface & Undersea Organization





Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.



Submarine Skills Network/VISIT

N61340-17-P1-136200G-0001

Description/Summary of Program Requirements

- Provide new and updated software & hardware for Submarine Skills Network (SSNet) and Virtual Interactive Shipboard Instructional Tour (VISIT), and related research tasks
- SSNet supports trainers at Submarine Learning Center (SLC) Fleet Training Sites, including Mini-Submarine Piloting and Navigation trainers and Voyage Management System (VMS) Labs
- SSNet is part of the Submarine On Board Training Program
- Contract will be available for all users of SUBSKILLSNET products, including MARINER SKILLSNET

ACQUISITION STRATEGY

- Open market (SBSA)
- Single Award ID/IQ

PERIOD OF PERFORMANCE

- 5 year ordering period
- Individual Delivery Orders will specify Period of Performance based on the requirement

MILESTONES

2ND Qtr FY17



RFP
Release

4TH Qtr FY17



Contract
Award

POINT OF CONTACT

Name: Mr. Paul Honold
Organization: NAWCTSD, PDS&U
Phone: 407-380-4160
Email: paul.honold@navy.mil

FUNDING

- Type: Various depending on task & sponsor
- Projected up to \$13.5M total over 5 year period

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N61340-12-D-0007
- Incumbent – Technical Support Services



Multipurpose Reconfigurable Training System IDIQ

N61340-14-P1-136200G-0001

Description/Summary of Program Requirements

- Provide new and updated software and hardware for legacy Multipurpose Reconfigurable Training System (MRTS) and MRTS 3D™ family of trainers
- Support trainers at all SLC training sites. Trainers include: VIRGINIA Torpedo Room, VIRGINIA Emergency Diesel Generator, Weapons Launch Console Team Trainer, Submarine Communications Support System, and BLQ-10 Maintenance Trainer
- Future work includes: Mobile Electric Power Plant; Electromagnetic Aircraft Launch System; Advanced Arresting Gear; Integrated Low Pressure Electrolyzer; LOS ANGELES, SEAWOLF, and OHIO Torpedo Rooms; BLQ-10 Trainer variants; and more
- Multipurpose Reconfigurable Training System 3D and MRTS 3D are trademarks of the U.S. Navy

ACQUISITION STRATEGY

- Delivery Orders, MRTS ID/IQ (Pro-Active)

PERIOD OF PERFORMANCE

- 5 year ordering period

MILESTONES

Multiple


RFP
Released

Multiple


Contract
Award

POINT OF CONTACT

Name: Mr. Paul Honold
Organization: NAWCTSD, PDS&U
Phone: 407-380-4160
Email: paul.honold@navy.mil

FUNDING

- Type: Various depending on task & sponsor
- Projected up to \$45M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N61340-14-R-2401
- Pro-Active Technologies, Inc





Undersea Firefighting Trainers

N61340-15-P1-136200G-0001

Description/Summary of Program Requirements

- Provide Next Generation Fire Fighting Trainers (FFT)s at Submarine Learning Center fleet training sites.
- Replacement FFTs are included in the budget submission.
- Analysis of requirements and trainer options for Next Generation FFT completed and option decision is in process. Expectation is that new trainer's design will be based on commercial standards for live fire trainers similar to those employed by municipal fire departments.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open market (unrestricted)• Priced options for each trainer (strategy pending approval)	<ul style="list-style-type: none">• To be determined	<div>4TH Qtr FY16</div> <div></div> <div>RFP Release</div> <div>2ND Qtr FY17</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• Type: To be determined• Estimated total value, \$25M for 7 systems over a 5-year period	<ul style="list-style-type: none">• Kidde Corp





Submarine CMS

N61340-17-P1-136200G-0002

Description/Summary of Program Requirements

- Provide Contractor Maintenance Services (CMS) (FY18 through FY23) for NAWCTSD fielded trainers at the following Submarine Learning Center (SLC) Fleet Training Sites: Naval Submarine School, Groton, CT; Submarine Learning Facility (SLF), Norfolk, VA; Naval Submarine Training Center Pacific, Pearl Harbor, HI; Submarine Learning Center Detachment, San Diego, CA; Trident Training Facility (TTF) Bangor, WA; TTF Kings Bay, GA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• FTSS III competitive (Lot 1)• CPFF	<ul style="list-style-type: none">• One month mobilization• One Base Period – 11 Months• Four One Year Options – 48 Months	4 TH Qtr FY16  RFP Release	1 ST Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• Type: O&MN• Base Year Estimate: \$4.4M	<ul style="list-style-type: none">• N61340-11-D-1005-0002• Incumbent - Fidelity Technologies Corp	

NAWCTSD



Paul Honold

Director, Surface and Undersea Warfare Programs





AEGIS Ashore A3C4I Maintenance Training Upgrade

N61340-16-P1-136100G-0007

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, AEGIS Ashore Assured Command, Control, Communications, Computers and Intelligence (A3C4I) - Maintenance Training Upgrade, to support AEGIS Ashore Missile Defense System (AAMDS), A3C4I maintenance personnel training. A3C4I is a subsystem of the AEGIS Ashore Team Trainer (AATT), Device 20F27.
- A PC-based Open-architecture for Reconfigurable Training Systems (PORTS) simulation application.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Order, PORTS ID/IQ (NGIS)	<ul style="list-style-type: none">• 18 months	<div><div>Mar 16</div><div>RFP Release</div></div> <div><div>Jun16</div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$2M FY16 (estimate)• Funding dependent on out year budget stability	<ul style="list-style-type: none">• Northrop Grumman Information Systems





Tactical Data Coordinator (TDC)

N61340-15-P1-136100G-0049

Description/Summary of Program Requirements

- Tech refresh of training system hardware at supported sites, develop software updates based on existing change requests and deployed tactical systems; update Instructor Led Training (ILT) materials; implement Information Assurance (IA) requirements; test and deploy new software baseline.
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS) Tactical Data Link (TDL) Trainer, Device 20F24.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Order, PORTS ID/IQ (NGIS)	<ul style="list-style-type: none">• 18-24 months (estimated)	<div><div>May 15</div><div></div><div>RFP Released</div></div> <div><div>Jul 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$2M (estimated)• Funding dependent on out year budget stability	<ul style="list-style-type: none">• Northrop Grumman Information Systems



PORTS ID/IQ Contract (Re-compete)

N61340-16-P1-136100G-0002

Description/Summary of Program Requirements

- Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) for award of multiple Delivery Orders through the period of performance for the support of the PC-based Open-architecture for Reconfigurable Training Systems (PORTS) based Surface Warfare trainers. This will be the follow-on contract vehicle to replace the existing PORTS ID/IQC with an ordering period ending September 2016.
- Scope will include simulation software development and modification, related instructional content development, hardware technical refresh, configuration management, Learning Management System integration, performance monitoring and evaluation, intelligent tutoring, and other actions as specified.

ACQUISITION STRATEGY

- Open Market (unrestricted)

PERIOD OF PERFORMANCE

- FY17-FY22

MILESTONES

Mar 16



RFP
Release

1st Qtr FY 17



Contract
Award

POINT OF CONTACT

Name: Mr. Paul Honold
Organization: NAWCTSD, PDS&U
Phone: 407-380-4160
Email: paul.honold@navy.mil

FUNDING

- \$50M ceiling estimated
- Funding dependent on out-year budget stability

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N61340-11-D-0005
- Northrop Grumman Information Systems





DDG-1000 Full Mission Bridge Trainer Phase II

N61340-16-P1-136100G-0004

Description/Summary of Program Requirements

- A contract to design, develop and deliver Full Mission Bridge (FMB) trainer for the DDG-1000 Zumwalt Class was awarded in July 2014 with a projected delivery in September 2015. The FMB will be located in BLDG 3292 in San Diego.
- Phase II will focus on providing enhanced DDG-1000 bridge consoles functionality and DDG-1000 ship modeling to the Phase 1 Initial Operating Capability (IOC) training system and additional training capabilities.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III competitive (Lot is TBD)	<ul style="list-style-type: none">• 36 months (Apr16-Mar19)	<div><div>Nov 15</div><div></div><div>RFP Release</div></div> <div><div>Apr 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$2.25M• Funding dependent on out year budget stability	<ul style="list-style-type: none">• Thales Defense and Security (Phase I)





NAVFAC Curriculum ID/IQ Contract

N61340-15-P1-136100G-0017

Description/Summary of Program Requirements

- New effort for the support of Naval Facilities Command (NAVFAC) Asset Management Division curriculum modernization.
- Funding across the FYDP to invest in curriculum "modernization", mainly focused on improving NAVFAC's training program in the areas of facility planning and real property inventory reporting.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• 8(a) sole source (SBA accepted) H2 IT Solutions• ID/IQ Contract	<ul style="list-style-type: none">• 5 year ordering period	<div><div>Jul 15</div><div></div><div>RFP Release</div></div> <div><div>Sep 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$4.0M ceiling estimated• Funding dependent on out-year budget stability	<ul style="list-style-type: none">• N/A





NSS Contractor Instructor Services

N61340-16-P1-136100G-0006

Description/Summary of Program Requirements

- Performance-based contract to provide Navigation Seamanship and Shiphandling (NSS) Contract Instruction Services (CIS) for various surface and expeditionary warfare training systems within the Surface Warfare Enterprise. This “re-compete” will address the combined requirements of Surface Warfare Officers School Command, and fleet Type Commander NSS training requirements in all major fleet concentration areas. Total of 10 sites, including 4 overseas.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• FTSS III competitive Lot I	<ul style="list-style-type: none">• Base year with 4 option years	<div><div>Mar 16</div><div></div><div>RFP Release</div></div> <div><div>July 16</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$3.2M base year base year estimate, ~\$15M, 5 year cumulative• Funding dependent on out year budget stability	<ul style="list-style-type: none">• LB&B Associates





Device 19E51 (DDG-51/LHD-8 Class MCSMT)

N61340-15-P1-136100G-0077

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver Device 19E51, a DDG-51 and LHD-8 Machinery Control System Virtual Maintenance Trainer (MCSMT) to be located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Site Great Lakes, Illinois (IL).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Order, LVCMS ID/IQ (Alion)	<ul style="list-style-type: none">• 24 months (estimated)	<div><div>June 11</div><div></div><div>RFP Released</div></div> <div><div>31 July 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$5M FY15 (estimated)• \$7M Total	<ul style="list-style-type: none">• Alion Science and Technology Corporation





Device 19G4A (DDG-51 Class MCS Operator Trainer Hybrid Electric Drive (HED) - Electric Propulsion System (EPS) Operator Trainer Upgrade

N61340-15-P1-136100G-0076

Description/Summary of Program Requirements

- Upgrade the existing 19G4A MCS software baseline to incorporate DDG-51 HED-EPS functionality. Field S/W application to Device 19G4A Trainers located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Sites: Great Lakes, Illinois (IL), Norfolk, Virginia (VA), and San Diego, California (CA).



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Order, LVCMS ID/IQ (Alion)	<ul style="list-style-type: none">• 18- 20 months (estimated)	<div><div>Sep 15</div><div></div><div>RFP Release</div></div> <div><div>Nov 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$1.2M (estimated)	<ul style="list-style-type: none">• Alion Science and Technology Corporation



Fire Fighter Trainer PC-ADA to Programmable Logic Controller (PLC) Modification - N61340-15-P1-136100G-0047

Description/Summary of Program Requirements

- This modification will provide a transition of the Government unique PC-based (Ada Software) control systems used in Navy Surface Fire Fighting Trainers to the new industry standard in providing discrete-logic-based control. The transition shall include conversion of the existing software written in Ada to new software.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • TSC III Competitive Lot II 	<ul style="list-style-type: none"> • Base Period: Nov 2016 delivery • 4 Option Periods which can extend delivery through 2020 if exercised 	<div>July 2015</div>  <div>RFP Update Release</div> <div>Sept 2015</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Paul Honold</p> <p>Organization: NAWCTSD, PDS&U</p> <p>Phone: 407-380-4160</p> <p>Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • \$2.5M (Base, Great Lakes and Norfolk) 	<ul style="list-style-type: none"> • N/A





LCS Combat Systems Part-Task Trainers

N61340-15-P1-136100G-0200

Description/Summary of Program Requirements

- Deliver, test, and install an LCS 1 Combat System Part-Task Trainer (PTT) devices, support equipment, and software to the LCS Training Facility (LTF) located at San Diego, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approval pending)	<ul style="list-style-type: none">• 6-8 months	<div><div>Sep 15</div><div></div><div>RFP Release</div></div> <div><div>Dec 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none">• \$1M FY15	<ul style="list-style-type: none">• Lockheed Martin





SWOS LCS TAO Curriculum

N61340-15-P1-136100G-0201

Description/Summary of Program Requirements

- Modify, update, and create curriculum to support LCS officer training at Surface Warfare Officers School (SWOS) Newport. This effort is focused on Tactical Action Officer (TAO) training, but may also support Prospective Commanding Officer and Prospective Executive Officer training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Delivery Order, SWOS Curriculum ID/IQ (A. Harold)	<ul style="list-style-type: none">• 7-9 months (estimated)	<div><div>Jul 15</div><div></div><div>RFP Release</div></div> <div><div>Sep 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$0.7M (estimated)	<ul style="list-style-type: none">• A Harold and Associates





LCS 1 Integrated Tactical Trainer (ITT) - Mayport

N61340-16-P1-136100G-0005

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 1 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 1 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in Mayport FL. This acquisition will largely replicate LCS 1 ITT functionality currently fielded at LTF San Diego incorporating hull deltas with additional enhancements based on fleet feedback.
- Option CLINs are planned to accommodate installation of an additional ITT at LTF Mayport (dependent on pending fleet decisions) as well as retrofit of ITT enhancements to the San Diego LCS 1 ITT.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) 	<ul style="list-style-type: none"> • 18 months 	<div> <div>Jun 26</div>  <div>RFP Release</div> </div> <div> <div>Dec 15</div>  <div>Contract Award</div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Paul Honold</p> <p>Organization: NAWCTSD, PDS&U</p> <p>Phone: 407-380-4160</p> <p>Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • \$18.5M FY16 (estimate) • Option CLIN funding is dependent on out year budget stability 	<ul style="list-style-type: none"> • Lockheed Martin Mission Systems & Training, Moorestown





LCS 2 Integrated Tactical Trainer (ITT) - San Diego

N61340-16-P1-136100G-0003

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 2 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 2 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in San Diego CA. This acquisition will largely replicate LCS 2 ITT functionality currently fielded at LTF San Diego incorporating hull deltas with additional enhancements based on fleet feedback.
- Option CLINs are planned to accommodate installation of an additional ITT at a future LCS homeport (dependent on pending fleet size decisions) as well as retrofit of ITT enhancements to the original San Diego LCS 2 ITT.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • Open market sole source (J&A approval pending) 	<ul style="list-style-type: none"> • 18 months 	<div>Dec 15</div>  <div>RFP Release</div> <div>July 16</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Paul Honold</p> <p>Organization: NAWCTSD, PDS&U</p> <p>Phone: 407-380-4160</p> <p>Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • \$18.5M FY16 (estimate) • Option CLIN funding is dependent on out year budget stability 	<ul style="list-style-type: none"> • General Dynamics Advanced Information Systems (GDAIS)





LCS 2 ITT Visual Display System - San Diego

N61340-15-P7-136100G-0123

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 2 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 2 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in San Diego CA. This acquisition will provide Software upgrade for the Virtual Ship software to version 7.6 and upgrade the Visual Display System.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approval pending)	<ul style="list-style-type: none">• 8 months	<div><div>Jun 9</div><div></div><div>RFP Released</div></div> <div><div>Sept 15</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$850K FY15 (estimate)	<ul style="list-style-type: none">• Computer Science Corporation (CSC)

NAWCTSD



Aida Matta

Director, International Programs

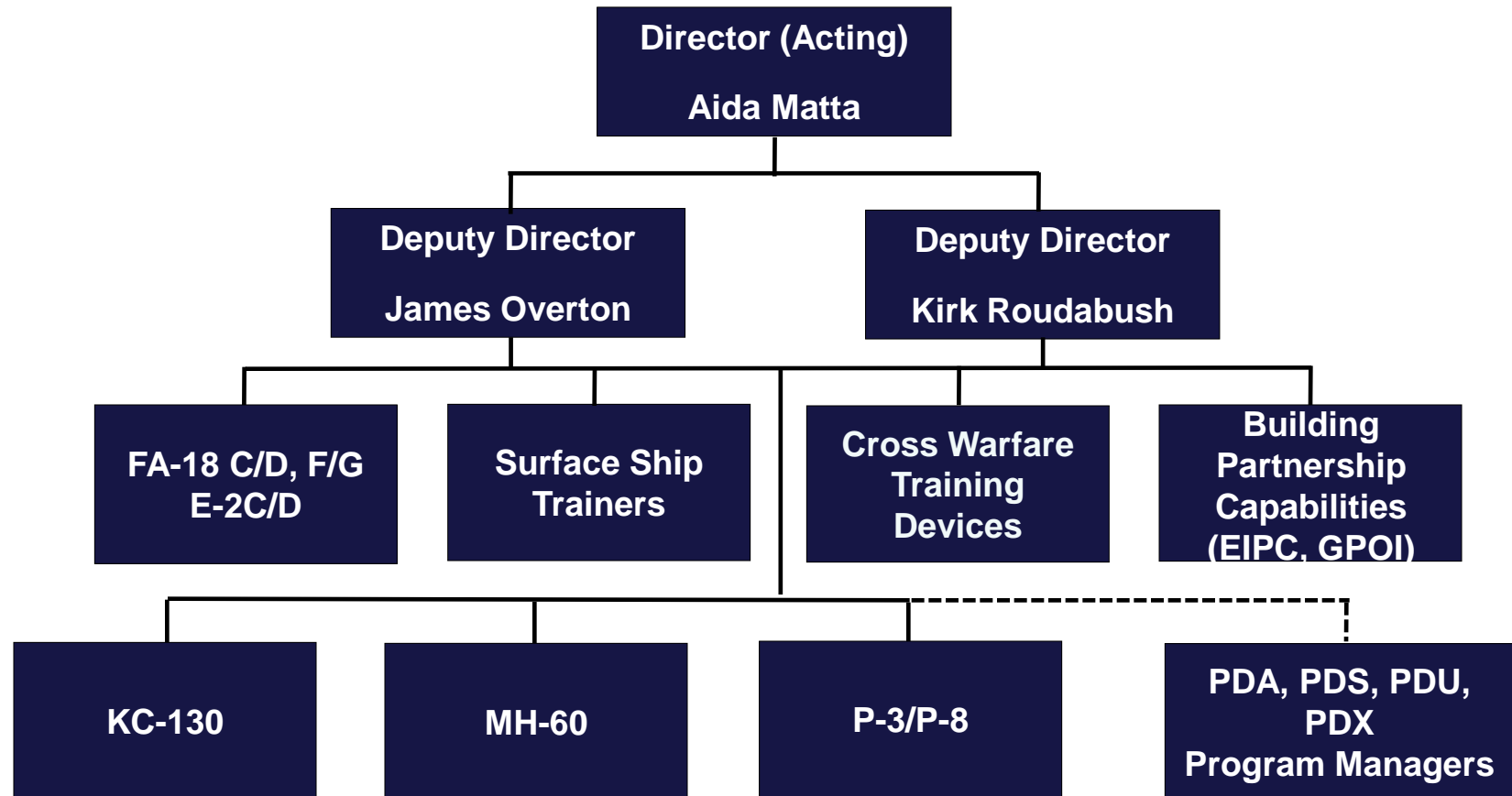


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Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.





France – E-2C Tactics Trainer Upgrade

N61340-15-P7-PMA-231-0040

Description/Summary of Program Requirements

- The French Navy is in the process of defining requirements for the replacement / modification of their Tactics Trainer (15F8F) systems due to obsolescence issues. Affected systems include the Instructor Operator System (IOS), Radar IFF Simulation System (RISS), Simulation Computer (SIMCOM), Consoles Interfaces / Interfacing Consoles (CP I/U & CIC I/U), Audio Communication System (ACS), Trainee Monitoring & Recording System (TMRS) and associated interfaces, such as the reflective memory systems, between all systems.
- The system should also be capable of accepting the integration of a future simulated Mode 5/S Interrogator and Electronic Support Measures (ESM) system.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approved)• Pending LOA	<ul style="list-style-type: none">• Estimated 24 months	<div>Dec 2015</div> <div></div> <div>RFP Release</div> <div>Aug 2016</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$15M-\$20M	<ul style="list-style-type: none">• Original Developer: NGC





Japan – E-2D Tactics Trainer

N61340-16-P3-PMA-231-0041

Description/Summary of Program Requirements

- The Japan Air Self Defense Force (JASDF) is in the process of defining requirements for the acquisition of an E-2D Tactics Trainer.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approved)• Pending LOA	<ul style="list-style-type: none">• Estimated 30 months	<div>May 2016</div> <div></div> <div>RFP Release</div> <div>Dec 2016</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$35M-\$40M	<ul style="list-style-type: none">• N/A





Brazil-S70B Tactical Operational Flight Trainer (TOFT)

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

- Procure one (1) Tactical Operational Flight Trainer (TOFT) consisting of Operational Flight Trainer (OFT) and Weapons Tactics Trainer (WTT)
- Provide support in the form of Instructor/Operator/Maintenance Training Courses, Contractor Logistics Support (CLS) for up to 4 years, provisioning of spares and technical manuals

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III competitive Lot I	<ul style="list-style-type: none">• Estimated 30 months	Feb 2016  RFP Release	Dec 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$25M	<ul style="list-style-type: none">• N/A	





Australia - MH-60R Maintenance & Crew Trainers

N61340-15-P7-PMA-299-0204

Description/Summary of Program Requirements

- Procure Automatic Flight Control System Trainer (AFCST) and Enhanced Landing Signals Operator Trainer (ELSOT)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approved)	<ul style="list-style-type: none">• Estimated 24 months	<div>Sept 2015</div> <div></div> <div>RFP Release</div> <div>Jan 2016</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none">• Estimated \$15M	<ul style="list-style-type: none">• N/A





Saudi Arabia - MH-60R SNEP II Training System

N61340-16-P1-141000G-0002

Description/Summary of Program Requirements

- Procure the following training systems for the Saudi Naval Expansion Program II in support of the MH-60R:
 - One (1) H-60 Tactical Operational Flight Trainer (Non-Motion) (Containerized) (CLS Five (5) Years - Three (3) US / Two (2) Saudi)
 - One (1) Operator Machine Interface Assistant/Acoustic Training System (OMIA/ATS)
 - CLS Four (2) Years for OMIA/ATS device - Saudi

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III competitive (Lot is TBD)• Pending LOA	<ul style="list-style-type: none">• Estimated 45 Months	<div>Mar 2016</div> <div></div> <div>RFP Release</div> <div>1st Qtr FY17</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none">• Estimated \$35M	<ul style="list-style-type: none">• N/A





Finland – F/A-18 Training System

N61340-16-P1-PMA-265-0520

Description/Summary of Program Requirements

- Future contract modifications to the existing F-18 Finland Training System procurement includes; 1) Visual Data Base (VDB) System, 2) Aircraft Operational Flight Program (OFP) 27C(F) software upgrade.
- The 27C(F) OFP upgrade will consist of enhancements to the:
 - Weapons Tactics and Situational Awareness Trainers (WTSAT)
 - Deployable Tactics Trainers (DTT)
 - Debrief Station (DBS)
 - Mission Operation Center (MOC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) 	<ul style="list-style-type: none"> • Estimated 30 months 	<div>Mar 2015</div>  <div>RFP Released</div> <div>Nov 2015</div>  <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none"> • Estimated \$15.5M 	<ul style="list-style-type: none"> • Boeing Corp., St. Louis, MO.





Saudi Arabia- CLS of TSS and upgrades to FF school

N61340-15-P1-141000G-0001

Description/Summary of Program Requirements

- Contractor Logistics Support (CLS), upgrade and service and maintenance concept for the Training Ship Simulator at the King Fahd Naval Academy in Jeddah Naval Base
- Maintenance and upgrading of the Fire Fighting (FF) Damage Control School in Jubail Naval Base

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open market sole source (D&F approved)	<ul style="list-style-type: none">• 12 month base period plus two Option years	<div><div>Aug 2015</div><div></div><div>RFP Release</div></div> <div><div>Dec 2016</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$6M	<ul style="list-style-type: none">• N/A





Saudi Arabia – Naval Team Tactical Trainer (NTTT)

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

- Procure Contractor Logistic Services (CLS) for NTTT systems in Jubail and Jeddah Saudi Arabia

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• TSC III sole source (EFO approved)• Pending LOA	<ul style="list-style-type: none">• Estimated 36 Months• Base year with Two – One year options	<div>Dec 2015</div> <div></div> <div>RFP Released</div> <div>Mar 2016</div> <div></div> <div>Contract Award</div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none">• Estimated \$15M	<ul style="list-style-type: none">• Amel Group





Iraq - Simulator Support and Maintenance

N61340-15-P1-141000G-0014

Description/Summary of Program Requirements

- Future contract to provide Contractor Logistics Support (CLS) in support of Iraq Patrol Boat (PB), Fire Fighting Training Unit (FFTU) and Offshore Support Vessel (OSV) Simulators in Umm Qasr for Iraq Navy.
- This contract will be for monitoring and assisting Iraqi Instructors in the operation and maintenance of the PB, FFTU, and OSV Simulators. Routine maintenance of the generator power source will be required. Security and housing provided by 3rd party contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none">• Open market sole source (D&F approved)	<ul style="list-style-type: none">• 5 months	<div><div>July 2015</div><div></div><div>RFP Release</div></div> <div><div>Sep 2015</div><div></div><div>Contract Award</div></div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$1.7M	<ul style="list-style-type: none">• Contract N61340-14-C-6109• VSD, LLC





Japan Air Force(JAF) V-22 Aircrew Training Systems

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

- LOA is expected to be signed by June 26, 2015
- Case 1 - One Containerized Flight Training Device (CFTD) delivered in a Federated GOJ configuration, spares, and initial courseware.
- Case 2 is in development. Possibly include initial maintainer/aircrew training, Differences Training development, and a maintenance trainer.
- CFTD will utilize existing domestic trainer contract (through NAWCTSD) and PMA 275 contract (synergy with a/c development) for the initial build and modification (NRE).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • Open market sole source (D&F approved) to Bell/Boeing • Open market sole source (D&F approval pending) to Veraxx • Open market sole source (D&F approved) to Imagine One 	<ul style="list-style-type: none"> • POP for the CFTD to deliver in country – 36 months • POP for the spares – 36 months • POP to Imagine One for Initial courseware – 36 months 	<div> <div>July 2015</div>  <div>RFP Release NRE RFP Release CFTD</div> </div> <div> <div>Sept 2015 Dec 2015</div>  <div>Contract Award NRE Contract Award CFTD</div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida Matta</p> <p>Organization: NAWCTSD, International</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<ul style="list-style-type: none"> • Estimated Case 1 funding \$24.9M 	<ul style="list-style-type: none"> • Bell/Boeing • Imagine One

NAWCTSD

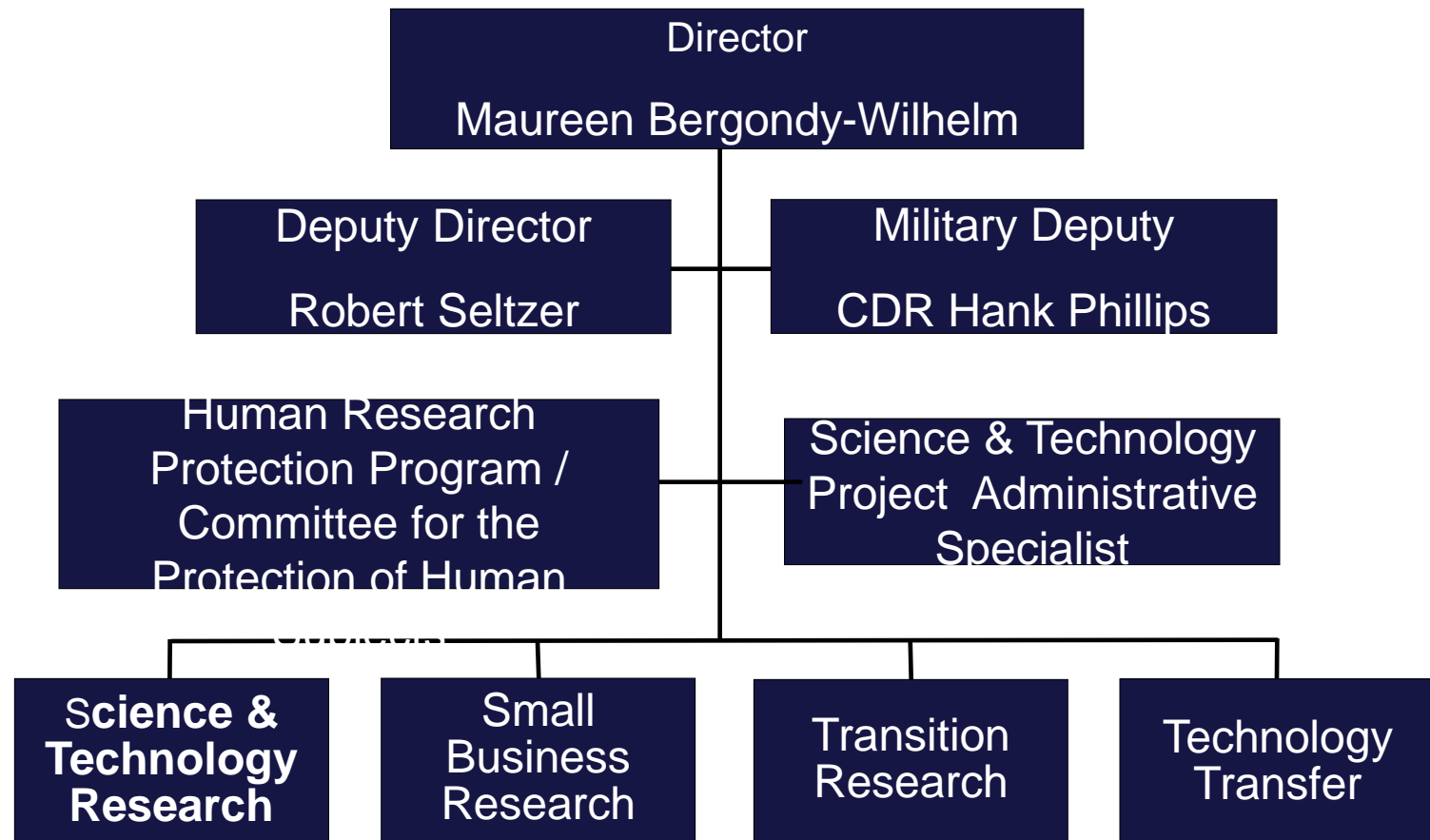


Maureen Bergondy-Wilhelm

Director, Research and Technology Programs



Research & Technology Programs Organization





Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.



NAWCTSD Research Portfolio

- Office of Naval Research Science & Technology (BA 1-3)
 - Basic Research (In-house and Academia)
 - Applied Research
 - Advanced Development
- Navy Demonstrations and Validation Research (BA 4-7)
- DoD Research
 - Joint/OSD/JFCOM
 - Army/USAF/USMC Research
- Technology Transfer (Gov/Non-DoD Research)
- DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs

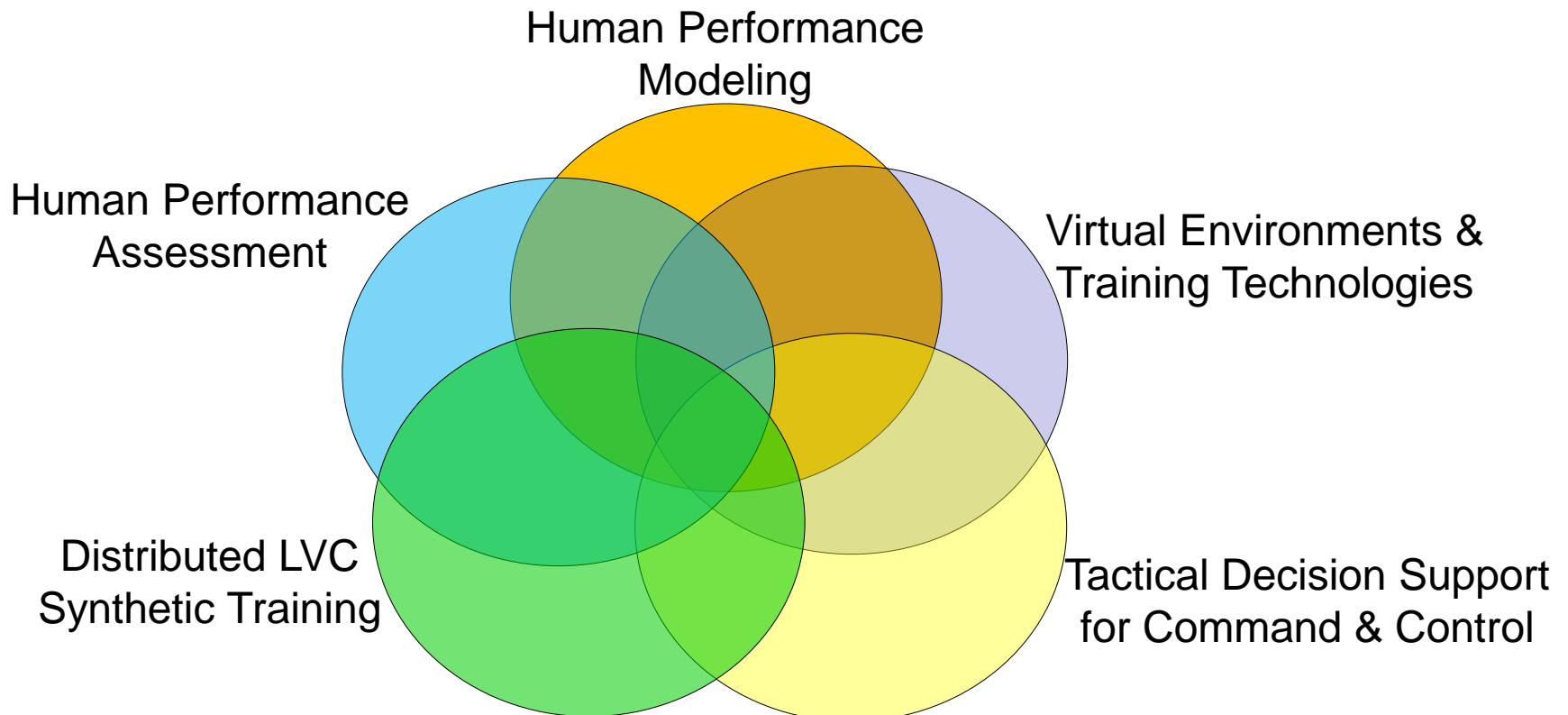
NAWCTSD is a R&D Performer and Partners with Industry on
Proposals and Subsequent Research Efforts



S&T Focus Areas

MISSION

Plan & Perform a Full Range of Directed Research & Development in Support of Naval & Other DOD Training Systems for All Warfare Areas & Platforms, to Maintain a Naval Critical Technology Base and Transition Technology Results to the Fleet and Other Customers





Small Business Innovation Research Opportunities

N68335-16-C-P146T000G-0002

Description/Summary of Program Requirements

- **Process (2-3 SBIR solicitations per year)**

- Phase I (1st yr): Scope problem & detail innovative solution (\$80K/\$70K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (up to \$1M)
- Phase III (thereafter): Further R&D development / acquisition transition (Government sole source)

- **Next Solicitations**

- (15.2) Pre-Release Opened: 24 April 2015 Closes: 24 June 2015
- (16.1) Pre-Release Opens: 11 Dec 2015 Closes: 17 Feb 2016
- Large businesses can partner w/small businesses See <http://www.dodsbir.net> and <http://www.navysbir.com>

ACQUISITION STRATEGY

- SBIR Phase I: Firm Fixed Price (FFP)
- SBIR Phase II: Cost Plus Fixed Fee (CPFF)
- SBIR Phase III (J&A Required)

PERIOD OF PERFORMANCE

- Phase I: 6 Month w/6 month Option
- Phase II: 24 Months
- Phase III: Open

MILESTONES

15.2 Solicitation Milestones



POINT OF CONTACT

Name: Ms. M. Bergondy-Wilhelm
Organization: R&T Program Office
Phone: 407-380-4777
Email: maureen.bergondy@navy.mil

FUNDING

- Year 1 RDT&E \$80K/\$70K Option
- Year 2-3 RDT&E \$1M
- Year 4+ Non-SBIR \$s; No Limit/ No Competition Required

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- TBD – Up to 3 awards planned/topic



NAVAIR 15.2 SBIR Proposal Solicitation Topics

- **N152-094 Model-Based Tool for the Automatic Validation of Rotorcraft Regime Recognition Algorithms**
 - Develop a model-based tool and test kit that will validate rotorcraft-based regime recognition (RR) codes for effective integration into health and usage monitoring systems (HUMS).
- **N152-088 Infrared Search and Threat Identification**
 - Research, design, and develop a software application that can be used with an infrared (IR) sensor to identify a potential target threat by analyzing its infrared signature..

DoD 15.2 Solicitation Opens: 25 May 15 Closes: 24 June 15

<http://www.dodsbir.net/sitis>



Small Business Technology Transfer Opportunities

N68335-16-C-P1-46T000G-0001

Description/Summary of Program Requirements

- **Small business required to team with research or academic institution (non-Government)**
 - Phase I (1st yr): Scope problem & detail innovative solution (\$100K)
 - Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (\$750K)
 - Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
 - Large businesses can partner w/small businesses (for PIII)
- **1-2 STTR solicitations a year**
- **Next solicitation (16.A) Pre-release Opens: 14 Jan 16 – Closes: 17 Feb 16**
See <http://www.dodsbir.net> and <http://www.navysbir.com>

ACQUISITION STRATEGY

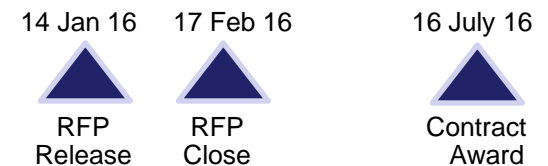
- STTR Phase I: Firm Fixed Price (FFP)
- STTR Phase II: Cost Plus Fixed Fee (CPFF)
- STTR Phase III (J&A Required)

PERIOD OF PERFORMANCE

- Phase I: 6 Month w/3 month Option
- Phase II: 24 Months
- Phase III: Open

MILESTONES

15.A Solicitation Milestones



POINT OF CONTACT

Name: Ms. M. Bergondy-Wilhelm
Organization: R&T Program Office
Phone: 407-380-4777
Email: maureen.bergondy@navy.mil

FUNDING

- Year 1 RDT&E \$70K/\$30K Option
- Year 2-3 RDT&E \$750K (Total)
- Year 4+ Non-SBIR \$s; No Limit/No Competition Required

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- TBD – Up to 3 awards planned/topic



Virtual Environment & Synthetic Training R&D

N61340-15-P1-46T000G-0001

Description/Summary of Program Requirements

- Broad range of R&D services including analysis, studies, engineering support and prototyping to facilitate the customization and application of *Virtual Environment (VE) Synthetic Training* to satisfy Navy mission simulation and training requirements.
- Example technology challenges associated with VEs include (but not limited to):
 - Develop mixed reality immersive training and mission rehearsal environments
 - Methods and standards for VE integrated, synchronized environments
 - Multi-sensory presentation high-fidelity display augmented with aural, tactile, vestibular, and proprioception cues

ACQUISITION STRATEGY

- Single Award ID/IQ Contract
- Open market (SBSA)

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

Mar 2015	May 2015	Nov 2015
		
Draft RFP Released	RFP Released	Contract Award

POINT OF CONTACT

Name: Ms. M. Bergondy-Wilhelm
Organization: R&T Program Office
Phone: 407-380-4777
Email: maureen.bergondy@navy.mil

FUNDING

- R&D, O&M & APN
- \$9.75M Ceiling

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Renaissance Sciences, Corp



Emerging Demands & Areas of Research

- Live, Virtual & Constructive (LVC) Training
- Adaptive & Intelligent Training
- Virtual Environments & Technologies for Training
 - Visual & Haptic Enhancements
 - Augmented Reality
 - Gaming Technologies
- Counter Anti-Access/Area Denial Tactics Training and Experimentation
- Electronic Maneuver Warfare Training Strategies and Technologies
- Cyberwarfare
 - Human Performance & Training
 - Modeling Effects

NAWCTSD Research Summaries can be found at:

<http://www.navair.navy.mil/nawctsd/Programs/Files/NAWCTSD-FY-14-15-Grey-Book.pdf>



How to Participate in NAWCTSD Research?

- Tell us about your Independent Research and Development (IRAD) efforts
- Respond to SBIR/STTR Solicitations
 - Small Business – Large Business Partnering, Academia can be included
- Pursue Cooperative Research and Development Agreements (CRADAs) with NAWCTSD when we find an area of common interest
- Partner on Joint Proposals (Scientist to Scientist/Engineer to Engineer)
 - If successful w/joint proposals several contract vehicle options available:
 - SBIR Phase III
 - NAWCTSD R&D Broad Agency Announcement (S&T projects only)
 - ONR/DoD/funding agency contracting

<http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities.aspx>

Research & Technology Program Office POC

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